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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

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# CLIMATOLOGICAL DATA

# WEST VIRGINIA

JANUARY 1963 Volume 71 No. 1



#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 70° on the 12th at Williamson

Lowest Temperature: -28° on the 28th at Birch River 6 SSW

Greatest Total Precipitation: 3,35 inches at Pickens 1

Least Total Precipitation: 0.45 inch at Petersburg

Greatest One-Day Precipitation: 1.22 inches on the 11th at Lewisburg

Greatest Reported Total Snowfall: 26.0 inches at Pickens 1

Greatest Reported Depth of Snow on Ground: 23 inches on the 2+ at Canaan

Valley

#### SPECIAL WEATHER SUMMARY

The month averaged well below normal and was unusually cold near the end. Daily minima records were broken as Charleston and Huntington had the lowest for any month of January, Elkins had a tie, and Parkersburg had the second lowest. For all months lows were second to the -24° in February 1899 for Huntington, second to -17° for December at Charleston, third to -16° in January 1936 and -27° in February 1899 for Parkersburg, and tied for third with -20° for January 1912, -21° for February 1899 and -28° for December 1917 for Elkins. The several days with minima below zero were exceeded in number only in January 1936 and February 1899, but several months have averaged colder.

Some unofficial recordings for the 28th were -23° at the Roane County Highway Garage for the coldest State Gar-

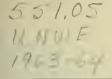
age in the State and -33° at the Doyle Hale Dairy Farm at Jerry's Run, Pond Creek south of Parkersburg; and for the 29th, -25° at the Hope Gas Company Regulator Station at Waverly, Bull Creek Road south of Parkersburg.

Many schools were closed due to the combination of snow and extreme cold.

Horace C. Dwelle Weather Bureau State Climatologist Box 986 Parkersburg, West Virginia

#### 1962 ANNUAL

The 1962 Annual issue of this bulletin for this section will be published a few months later than usual this year.



# CLIMATOLOGICAL DATA

WEST VERGINIA JANUARY 1963

													_							-	JAHU	ARY	1963
				Tem	perat	ure				61	61	Doys	+			1	Proci	ipitation	w, Slant			lo, of I	
Station				-					2	Mo	-	Min	_		-G	6		500				0, 01 1	2 2
3.01011	8 D D D	e 0.0	e D	Norm	ā		36		ee Days	1	$\dashv$				Departure From Norm	Test Day			Depth		r Morr	r Morr	or Mo
	Average	Average	Average	Depar	High	Date	Lowe	Date	Degree	Above	32 or Bolow	Below	Below	Total	Depa	Grea	Date	Total	Max.	Dote	.10 or	.50 or	1.00
NORTHWESTERN										$\dashv$	+	+	+									$\dashv$	_
BENS RUN CAIRO 3 S CRESTON 1 SSW NEW CUMBERLANO NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY //R WEIRTON WELLSBURG 3 NE 'HEELING WARWOOO OAM 12	38.0M 39.5 38.1 34.0 38.3 36.4 37.4 34.0 34.3 32.9	14.0M 13.1 7.6 14.3 15.2 15.2 15.8 14.6 13.6	26.0M 26.3 22.9 24.2 26.8 25.8 26.6 24.3 24.0 23.0	- 8.5 - 8.2 -11.3 - 7.9 - 7.3 - 8.0 - 9.0	60 66 67 56 62 62 63 49 53	11 12 10 10 11 11+ 10+	-22 -25 -16 -16 -15 -14 -18 -22 -15	29 24 24 24 29	1182 1194 1299 1261 1180 1209 1183 1254 1260 1300	00000	11 14 9 11 11 13 13	29 30 29 28 27 27 27 29 29	5744555546	.95 1.84 2.08 1.54 2.04 1.60 1.80 1.90 2.01	- 2.6 - 1.9 - 1.8 - 1.4 - 1.6 - 1.5 9 - 1.5	7	11 11 11	10.0 6.8 11.7 8.4 12.6 10.0 8.0		25+ 28+ 28+ 28+ 27 28+ 28+	4 5 5 4 6 6 6 6	0 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OIVISION			25.0	- 8.4										1.73	- 1.7			9.6					
NORTH CENTRAL	40.4	12.7	26. 6	7.		12.	25	20				20		1 04	2.2								0
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK ANO OAM WESTON	40.4 38.0 37.1 36.0 41.1 40.2 M 39.3 37.9 38.2 36.6 38.0 37.6	12.7 13.3 13.0 16.6 15.3 13.7 8.8 12.0 13.5 16.6 15.2	26.6 25.7 25.1 26.3 28.2 27.0 M 24.1 25.0 25.9 26.6 26.6 24.6	- 7.6 - 8.5 - 7.4 - 7.3 - 9.1 - 7.9	65 64 64 62 68 68 63 62 63 64 67	11 11 11 11 11 11	-25 -23 -20 -15 -16 -18 -21 -26 -22 -15 -16 -18		1193 1210 1234 1193 1132 1174 1265 1235 1204 1184 1183 1245	000000000000000000000000000000000000000	10 10 11 8 9 10 9	29 29 28 27 29 30 29 27 29 27 29 28		1.94 2.49 1.90 1.98 2.16 2.31 0 1.80 0 1.70 1.42 1.78 1.42 1.81	- 2.2 - 1.6 - 1.5 - 1.5 - 1.5 - 2.1 - 2.4 - 1.6 - 1.6	5 .47 22 .40 8 .41 .48 3 .55 1 .40 .60 .60 3 .43 9 .39	11 23 23 12 11 26 24 23	15.4 12.0 13.0 12.2 12.5 6.3 12.0 10.0 9.9 12.0	8 10 9 8 7 10	28+ 27 28+ 28+ 28+ 28+ 27	6 7 8 7 7 6 7 4 5 6 6 5 8	0 0 0 0 1 0 2 0 1	000000000000000000000000000000000000000
OIVISION			26.0	- 8.3										1.99	- 1.9			11.8					
SOUTHWESTERN	20.0	1. 0	27.0	0.7				24				24		. 05	2.4			10.7		20.			•
CHARLESTON W8 AP R CHARLESTON 1 OUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS OAM HUNTINGTON WB AIRPORT LOGAN LONOON LOCKS MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WILLIAMSON WINFIELO LOCKS	38.9 39.3 38.3 39.7 38.8 37.8 39.8 40.8 40.8 41.1 41.0 39.8 41.3 38.6	16.9 14.9 18.2 11.6 12.8 16.2 15.6 15.7 14.4 14.4 15.7 12.5 16.0 15.2 14.6	27.9 27.1 28.3 25.7 25.8 27.0 27.7 28.3M 26.5 26.9 28.4 26.8 27.9 28.3 26.6	- 7.5 - 7.5 - 9.5 - 9.1	65 69 64 69 67 66 68 69 67 66 68 68 70 68	12 11 12 12 11 12 12 12 11 11 11 11	-12 -19 -20 -18 -15 -12 -9 -11 -18 -19 -26 -18 -11	28 24 28 29 24 25+ 29+ 28 28 28 28 24	1144 1167 1133 1212 1206 1170 1148 1100 1186 1174 1127 1177 1144 1131 1182	000000000000000000000000000000000000000	9 10 10 10 9 10 8 8 10 8	26 29 26 29 30 27 29 29 28 28 29 27 28 29	46366666444456	1.85 1.91 1.97 2.31 1.66 1.88 2.07 1.71 1.35 2.12 2.35 1.76	- 2.4 - 1.8 - 2.0 - 1.8 - 1.3 - 2.2 - 1.1 - 2.2	1	11 23 11 11 11 24 12 12 11 11	10.7 8.2 8.0 7.5 7.9 5.1 6.0 5.9 7.5 10.2	4 4 4 4 6 4 4 3 5 7 7 5	29+ 29+ 29+ 27- 27- 30+ 28+ 31+ 29+ 28+	5 5 6 7 4 5 5 6 5 5 8 5 4 9 5	1 0 1 1 1 0 1 0 1 0 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OIVISION			27.3	- 8.9										1.93	- 1.8	5		7.6					
CENTRAL																							
ARBOVALE 2 8AYARO 8ECKLEY V A HOSPITAL 8IRCH RIVER 6 SSW 8RANOONVILLE 8UCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO 1 E ROWLESBURG 1 SPRUCE KNO8 WEBSTER SPRINGS 1 E	34.6 34.8 39.2 33.6 32.7 38.7 32.8 38.3 35.5 39.6 39.7 41.0 38.2 33.3 41.1	10.5 10.2 14.6 8.9 10.2 9.8 9.6 13.4 14.5 12.8 13.8 15.0M 11.7 11.9 15.4 12.7	22.6 22.5 26.9 21.3 21.5 24.3 21.2 25.9 25.0 26.2 27.4M 23.9 26.5 26.8 23.0 28.6	- 6.6 - 7.3	54 51 62 58 56 51 62 57 61 65 60 57 61 60 55 63	11 12+ 11 12 11 11 11	-20 -25 -18 -28 -22 -19 -24 -20 -21 -15 -17 -21 -21 -22 -18	29 24 28 29 28 29 24 24 24 29 24 29 24 29 24	1307 1308 1177 1348 1345 1253 1348 1208 1232 1195 1199 1161 1269 1187 1178 1295 1123	000000000000000000000000000000000000000	12 8 18 14 7 15 9 11 7 10	29 31 29 27 28 27 29 29 29 29 28 29	866627995455 85484	1.63 1.76 2.20 2.01 1.74 1.31 2.49 1.65 2.34 1.95 1.72 1.99 2.70 .88 2.28	- 1.7 - 2.4 - 1.4	3	24 23 27 11 12 12 23 23	8.0 11.5 11.1 4.0 16.0 6.0 6.0 6.0 7.2 26.0 15.0 6.5	100 77 100 233 55 84 44 55 99	3+ 2+ 28+ 28+ 29+ 29+ 29+ 28	7 8 7 6 7 7 5 4 4 7 7 6 6 6 11 7 8 4 8	1 0 0 2 0 0 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OIVISION			24.7	- 6.9										1.99	- 2.2	1		11.2					
SOUTHERN  ATHENS CONCORO COLLEGE 8LUEFIELO FAA AIRPORT 8LUESTONE OAM GARY LEWISBURG PINEVILLE UNION WHITE SULPHUR SPRINGS	39.0 36.8 38.2 40.9 40.9 38.3 38.3 42.3	17.8 16.8 15.8 14.6 15.1M 14.2 12.9	28.4 26.8 27.0 27.8 28.0M 26.3 25.6 28.9	- 8.6 - 7.9 - 5.0	58 63 66 60 66 64	12	-16 -18 - 9 -11 -16 -10 -16 -13	24 25+ 25+ 24 24 24	1129 1175 1170 1149 1140 1195 1215 1113	0 0 0 0 0 0	8	26 27 27 28 30	45554653	1.82 1.73 1.41 2.26 2.63 1.26 1.45	- 1.1 - 1.6 - 1.6	047 030 040 1.22 056 037 4 038	11 24	4.8 5.7 2.0 4.0 6.5 1.5 4.0	2 2 2 2 6 3 2 4	29+ 1 28+ 1 28+ 3+	5 6 5 8 9 5 6	0 0 2 0	0 0 0
OIVISION			27.4	- 7.7										1.79	- 1.4	3		4.1					
NORTHEASTERN  BERKELEY SPRINGS FRANKLIN 2 NE HAPPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS	37.9 42.7 39.6 35.9 36.5M 36.8 40.2	16.5 17.7 19.8 16.6 M 15.6 14.2	27.2 30.2 29.7 26.3 M 26.2 27.2	- 7.6 - 6.9	65 53 58 52 55	10 11 20	-14 5 - 4 -12 -12 -14	29 29 29	1167 1070 1087 1195 1195	0 0 0 0 0 0	5 10 6 7	28 29 30 28 0 29 28	2 0 2 2 0 3 3	1.57 .52 1.25 1.50 .91 1.60	- 1.1	• 16 • 35 • 46 • 36 • 42	27	4.5 2.5 3.2 4.5 5.0 2.3		5+ 2+	6 2 5 5 3 6 2	0	0 0 0 0

CONTINUE

				Tem	perat	ure											Preci	oitation					
										N	a. af	Days						Sna	w, Sleet		١	lo. of	Days
Station	Average	Average Minimum	Average	Departure Fram Narmal	Highest	Date	lowest	Date	Degree Days	Above	5 8	Below 0° or			Departure From Narmal	Greotest Doy	Dote	Tatal	Max. Depth an Ground	Date	.10 or More	.50 or Mare	1.00 or More
MOOREFIELD MCNEILL PETERSBURG PIEDMONT ROMMEY 3 NNE WARDENSVILLE R M FARM	42.5 43.5 37.5 41.4 40.7	13.2 17.4 16.6 15.9 14.7	27.9 30.5 27.1 28.7 27.7	- 3.6 - 5.2 - 4.7	59 59	11 13 20+	-16 -13 -12 -13 -12	29 24 29	1144 1063 1169 1117 1148	0	6 12 6	30 29 28 29 29	2 3 2	66 45 86 80 31	- 1.53 - 2.03		12	2.0 3.0 3.5 2.0 4.0	3 7	294 34 24 27	4	0 0 0 0	0
OIVISION			28.1	- 5.3									1.	00	- 1.37			3.3					

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages		Numl	per of d	ys with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1,00 PM EST	7,00 PM EST	Trace	6010	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
CHARLESTON W8 AIRPORT	SW	15	5,6	21++	WSW	27+	77	78	60	62	3	9	4	1	0	0	17	_	6.1
ELKINS W8 AIRPORT	S	10	6.5	38++	WNW	24+	76	79	62	70	5	11	7	0	0	0	23	-	6.4
HUNTINGTON W8 AIRPORT	s	13	6.4	23++	NW	23	76	83	64	63	3	8	4	1	0	0	16	-	6.3
PARKERSBURG W8 CITY	-	-	6.3	27	W	27+	-	-	-	-	6	6	3	1	0	0	16	49	-

	7																												JAN	NAMA	7.46
Station	Total	1	2	T 3	4	5	6	7	8	9	10	11	12	Day 13	of Mon		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALDRIGHT ALGERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE	1.80 1.08 2.50 1.63 1.82	Т	Ť				T •16 T •07	T	T .04 T .07	Ť	8	•17 •42 •30 •32 •48	.35 .32 .35 .34	.27 .15 .12	•01	02		a O 4a	.34	.21	T .10		.04 .16	.30 .20 .06		.04	+33 +48 +33 +12	•05 •18 •10		· O /h	-13
BAYARD BECKLEY V A MOSPITAL BELINGTON BELLEVILLE DAM 2D BELVA	1.76 2.20 2.37 1.54 1.94	T	т			T	.04 .05 .02	T T	.03 .12 .04 T	† •01		•11 •46 •14 •52 •23	.36 .22 .61 .16	•11 •24 •27 •11 •29	.02 .05					.16 .19 .07 .16	.07 T .08 .02	т	.03 .01 .09	•25 •50 •43 •20 •40		Ť	.37 .32 .32 .25 .23	•13 † •08 †		7 .0% ?	• I • O • 2 · 2 · 1
BENSON BENS RUM BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT	1.94 .95 1.57 2.01 1.73					Ŧ	.10 T	•02 •15 •02	•01 •10 •03		T	.43 .45 .24 .26	• 36 •12 •44 •46 •13	•41 •17 •19 •07	т			.01	.37	.16 .21 .13	T .		.01 .15 .50	+03	.04	.04 .07	.06 .34 .47 .24	•06 T	» O6	.16 7	T
BLUESTONE DAN BRANCHLANO BRANDONVILLE BRUSNY RUN BUCKEYE	1.41 2.34 1.74 .64	T	T				T	T T	•04 •04 •05	T T		.30 .80 .22 .24	.17 .48 .22 .16	.09 .22 .30 .02	T T				T	•29 •08 •17 T	T T		*18 T	.24 .28 .28		Т	.24 .22 .38 .22 .33	T T		.03	• 0 T • 1
BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY	2.49 2.58 1.84 2.39 2.49	*01 T					.08 •11 •07	.03 T .04	*07 *05 T *0B	•02 T		.47 .48 .49	.43 .55 .30 .58	.32 .32 .17 .26	T T					.09 .05 .08 .13	T . 0	•01	.40 .01 .43	•02 •40 •56		.11	.24 .38 .30 .32 .60	T . 02		.03	.0 .2
CENTRALIA CHARLESTON WB AP R CMARLESTON 1 CLARK 5BURG 1 CLAY 1	2.68 1.85 1.91 1.90 2.21					.03	.02	*03 T	•14 •03 •04	- O -	•01	.28 .78 .52 .29	.45 .20 .44 .36	.35 .13 .15 .10	• 0 4				.04	.04 .01 .05 .14	. 0 . 0	т	•01 •27 •03 •40 •05	.39 T .24		.21 T .25	.35 .03 .29 .12	• 05 T		.05 .06 .02 .10	• 21 T • 0
CLENDENIN 1 SW CRESTON 1 SSW DRY CREEK DUNLDW 5 E ELKIN5 WB AIRPDRT	2.44 2.08 2.23 1.97 1.66	т				Ť • 03	.07 .03 .06 .03	.03 .02 .01	•02 •08 •03 •04	T	•02	.55 .61 .40 .34	.55 .32 .40 .42	.25 .27 .28 .24	.02 T			т	.09 .03	.05 .15 T	T .05	.03	T •46 •05 •44 •20	.40 .38		7 •18	.30 .19 .26 .29	.03	T	.04 .11 .07	. 1 . 0 . 0
ELLENBORD FAIRNONT FLAT TOP FRANKLIN 2 NE GARY	1.82 1.98 2.34 .52 2.26	т				т	.03 .07 .04	*02 *02 T	T T •08	T	•02	.54 .33 .36 .09	.21 .37 .2	.16 .21 .15 .04	т			•02 T	.08 .01 .03	.10 .35 .04	T T	• 02	.45 .41 .43	.01		.30 .22 .09	•11 •32 •15 •31	Ť		.04 .09 .13	• 0
GASSAWAY GLENVILLE 2 ME GRAFTON 1 NE GRANTSVILLE 2 NW MACKER VALLEY	2.16 2.31 0 1.80 0 1.70 3.21	T •07	т				.10 .06 0 .04 .03	.02 .07 .01	•05 •02 •01 •12	•01 T	•33	.39 .55 .08 .55	.48 .45 .12 .32	.29 .24 .10 .41	T • 05				.13	.08 .08	T T .20		•27 •03 •050	.01 .37	.050	.06 T	•22 •35	T .04	•12	.15 .02 .26	.0 .0
MAMLIN MARPERS FERRY MARPERS FERRY NAT MONHT MICD HOGSETT GALLIPOLIS DAN	2.31 .99 1.25 1.64						•02 •11	•01 T	*04 *08 *	т		.72 .07 .22 .16	.48 .37 .33 .37	.20 .14 .16 .28	•03 •02 T				т	•11 •09 •03 •17	T T		.10 T .10	.34		.38	.18 .35 .17	т		.05 102	•0
HORNER HOULT LOCK 15 HUNTINGTON WB AIRPORT IAEGER IRELANO	2.47 2.13 1.86 2.70 2.23					•02	.09 T .05	+02 T +05 +12	•05 •02 •59 •08		•05	.50 .30 .80 .52	.46 .36 .05 .43	.30 .27 .03 .37	•02				•10 •02	.06 .01 .23	*10 T		.45 .39 .15	•50		.05 .15	.32 .40 .09 .02	• 06	т	.10	•0
JANE LEW KEARNEYSVILLE 1 NW KERMIT KEYSER LAKE LYNN	2.06 1.50 2.13 .91 1.62	т				.20	•68	.04	*05 T T			.38 .18 .24	• 37 • 42 • 32 • 36 • 32	•19 •21 •12	т					.16 .08 .42	• O 1		.08	.05 .15 .26		T	•39 •46	•01	•35	. 06	.0
LEWISBURG LOGAN LOMDON LOCKS MADISON MANNINGTON 1 N	1.88 2.07 1.71 1.42						•10 •08 •01	T •03 T	*07 *14 *09	•01		1.22 .09 .28 .30	.10 .42 .54 .36	•35 •21 •34 •17 •08	•01					.07 .05 .07	T •01 •0∓		.06 .06 T	.44 .29 .35		.10	7 •29 •24 •24	T •01 T		•0	•0
MAMNINGTON 1 W NARTINSBURG FAA AP NATHIAS NATOAKA NC NECMEN DAN 13	1.86 1.60 .60 1.49 1.74			T			•03 T •02 T	T •09 •03	*01 T T *01	T T	т	.34 .26 .08 .39	.30 .42 .26 .14	.16 .28 .05	T T				т	.06 .07	*0* T *13	T T	.03 .12 T	.47 .32		.35	.35 .10 .13 .19	• 02		Ť	. C
MC ROSS NIDDLEBOURNE 2 ESE MODREFIELD MCNEILL MORGANTOWN FAA AIRPORT MORGANTOWN LDCK AND DAN	1.95 1.78 .66 1.42 1.81	т	T •0	1 T		т	T T	.03 .02	T T	т	т	•53 •50 •10 •27 •27	•31 •27 •32 •33 •25	•20 •17 •09 •12 •39	т				т	•20 •10 •01	T T		•59 •28 T •23			.12 T	•20 •30 •05 •17 •33	• 02		T T • 02	.0
NT STORM NEW CUMBERLAND NEW NARTINSVILLE DAK MILL OMPS	.94 1.54 2.04 1.72 1.37						•03	T •01	T T		•01	•11 •58 •50 •28 •11	.21 .08 .31 .28	.07 .07 .09 .16	•01 T				т	.07 .08 .22 .05	- 02		•27 •42	.08		•10 •42	.29 .29 .03 .15	.18		T •03 T •03	• 0
PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY //R PARSONS 1 SE PETERSBURG PHILIPPI	1.60 1.80 1.99 .45 2.35	T T	т			Ť	T T	T T •01 T	T T •04	T	•01	.67 .69 .35 T	.10 .07 .32 .25	.03 .04 .19	•01	ŀ		т	.02	.10 .13 .18 .05	Т		•29 •48 •36	.05		.29 .24 .06	• 06	•30	T T	.04 .01 .06	T T •0
PICKENS 1 PIEDMONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON	3.35 .86 2.63 1.35	т					-14 T -14 T	•03 T	*11 T *12 T	T •03 T	т	.29 .14 .52 .68	.45 .28 .25 .11	.35 T .23 .03	*05 T	l		т	.01	.18 .10 .21 .14	.34	Ť	T T +19	.57 T .56 T		.05 .18	.43 .32 .37 .14	-16		.04 .01	• i
RAVENSWOOD DAN 22 RENICK 2 S RICHWOOD 1 E RIPLEY ROMNEY 3 NNE	2 • 12 1 • 72 1 • 90 2 • 35 • 80					• 06 T	*02 T *11 *08	T •03	T .05	. 20	0 05 T	.48 .34 .97	• 30 • 37 • 24 • 25 • 40	•18 •33 •16 •12	T T	l			т	.15 .26 .16	T T		•05 •38 •55 T	+2I T	Т	.17 .30 T	•31 •32	•30		T 04	•0
ROWLESBURG 1 ST NARYS SMOOT SPENCER SPRUCE KNOB	2.70 1.85 1.39 1.76	T					*05 T •02 •02 •02	T T	T •04 •01	Т		.25 .47 .38 .75	.45 .19 .20 .23	•35 •20 •04 •09 •04	•05 T					.35 .15 .22 .08	T T • 05		.05 .43	• 25		т	.40 .41 .24 .22	+10 T +04		T •01	• (
SUMMERSVILLE 3 NE SUTTON RESERVOIR TMONAS UNION VALLEY BEND	3.02 1.93 2.30 1.26 D 1.65	*87 T	т				•07 •04 •03 •10	•07	*08 *02 *02 T	.01 T		.17 .37 .14 .33	.61 .45 .66 .12	•19 •22 •21 •04 •07	T • 03			т	.03	.17 .02 .13 .37	.07 .04 .16	T	T T • 02	.16			.21 .31 .34 .18	•02 •08		.06 .03 T	• I
VALLEY MEAD VANOALIA WARDEMSVILLE R N FARN WASHINGTON OAN 19 WEBSTER SPRINGS 1 E	1.6B 2.74 1.31 1.61 2.2B						T •10 T T •0B	T •01	•02 •04 T	·02		•25 •56 •17 •55	• 32 • 42 • 32 • 12 • 48	.08 .36 .12 .06 .27	T					.07 .10 .05 .20	•14 T	.10	.40 .07	.34 .04		•10	.26	.05 .04 .05		.03 .22	T
WEIRTON WELLSBURG 3 NE WESTON	1.90 2.01 3.19	T T	т				• 09	•02 •02 •03	T T •04		*05 T	.60 .62 .45	•16 •27 •67	•10 •14 •37	.05	1				T •13 •12	T •02	T	• 42 • 36 • 06	-01		.11 .05	•38 •40 •41	T •11		+03 T	:

# DAILY PRECIPITATION

Continued								1	מע	·TT	1	ГП	١١٠	)II	11	A	11,	ΟI	VI.													1963
Station	tal													Day	of N	lonth																
Station	e.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31:
WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WIGEN WILLIAMSON WILLIAMSON 2	1.54 1.45 2.47 2.45 2.03						•03 •10 •17	T	•01 •01 •12 •10	.02	2	•54 •16 •29 •40	•35 •54	.10 .38	• 02					т	.11 .38 .05 .08	T •02		•03 •20 •08	.19 .20 .44 .50	T	T	.33 .22 .29 .40	.03		·03	-12
WINFIELD LOCKS	1.68								T			.41	• 33	-20							.09	Т		•02	.39			.18	T		•01	•05

### DAILY TEMPERATURES

	-	T														Dani	OI M	onth															2
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
ARBOVALE 2	MAX	18	32	35	32	31 - 2	39	36 18	33	43	46	50	54 33	50 17	20	29	33	44	45	43	45	39	37	36 19	18	23	26 11	25	16	28	34	34 18	34.6
ATHENS CONCORD COLLEGE	MAX	25	35	39 17	39	40	39	39	37 28	51 25	55 37	60	58	56 24	24	29	37 15	47	43	53	49	46	41	40	20	24	32	29	17	27		38 23	39.0 17.8
8AYARD	MAX	15	25	3I 10	34	37	38	40 26	36 27	48	50	50	51 33	45	21	29	32	45	48	49	46	38	37	41	12	16	32	28	8	33	34	31	34.8
SECKLEY V A HOSPITAL	MAX M1N	26	32	37	41 23	41	38	39 33	37 28	52 26	60 28	62	59	51 17	23	31	36	49	49	49	54 41	41	42	41	10	24 ~10	33	31	16	37	37	34	39.2
8ENSON	MAX	25	34	39	41 27	44	42	38 31	37	55	60	65	65	46	27 10	33	39	52	52 15	54 20	57 35	37	43	45	17	19	35 10	29	15	37 -25	37	34	40.4
BENS RUN	MAX	18	25	31	37	42 15	40	40	37 30	36	55	60	56	51 17	21		32 11	49		49 19	50 19	44	15						18 -17		36 -15	33 13	38.0
BERKELEY SPRINGS	MAX MIN	29 11	34 19	37 25	41	41	45	42	42	48	54	43	43	39	32 15	38	42	47 13	44	41 19	54 33	50	39	36 19	19	26 5	33 15	30 16	18	24 ~14	32	33	37.9
81RCH RIVER 6 SSW	MAX	22	21	31	28	31 10	32	36 27	29	40	44 26	56 39	52	42	35	30	30 - 5	38	48 15	47	40	32	40	40 10	22 -25	18 -18	31 10	20	16 -28	26 -21	32 25	32 20	33.6
SLUEFIELD FAA AIRPORT	MAX	26	36 10	38 17	39 19	40	35 32	37 32	32 27	50 25	55 42	58	58	42	20	26	36 17	47 25	44	47	52 23	23	41	42 - 6	-18	22	36 14	36 - 2	15	36 2	38	30 20	36.8
BLUESTONE DAM	MAX	21	28 8	35 10	40 12	44 19	37 19	39 33	42 33	37 26	55 27	52 28	63 38	63	33 12	28	35 13	42 12	45 16	44	49 36	59 14	22	46 12	34	13	26	35 23	26 - 2	22	34 1	36 29	38.2
SRANDONVILLE	MAX	12	20 10	26 10	34 12	33 11	39 13	39 26	35 28	31 28	49	54 35	58 38	51 16	20 7	24 8	29	35 14	46 15	48	49	41	19	43 19	38 -19	0	19 - 3	31 13	15	10		31	32.7
8UCKEYE	MAX MIN	25 - 4	35 - 6	37 - 4	36 14	34 - 1	46 25	44 21	39 30	46 20	46 14	53 32	56 32	51 21	29 1	35	38	45	44	44	49 32	46	43	41 21	22 ~15	24	27 10	31	24 -19	33 -16		39	38.7
BUCKHANNON 2 W	MAX MIN	21	29	37 8	36 26	41 12	39 31	38 32	35 28	53 28	58 28	64 41	58 42	42	26	31	36 5	49 11	51 18	53 20	54 30	30	44	46 5	5 -17	20 - 5	35 9	29	18	36 -23	36	29	38.0
CAIRO 3 S	MAX MIN	25 3	32 5	38	44 26	42 15	40 27	38 31	36 30	58 28	60 24	66 39	59 40	40 17	29 7	33	41 11	50 11	50 18	48	51 31 -	32	45	43	16 -16	22 -19	28 14	30 11	20 -21	40 -22	34 28	33 18	39.5 13.1
CANAAN VALLEY	MAX MIN	12	26 - 3	32	30 7	37 0	35 27	39 26	33 24	45 22	48	51 36	50 37	45 10	19	25 7	29 16	42 12	46 21	45 17		35	36 1	39 5	9 -23	14 - 7	30 7	26	6 -10	32 -24	32 16	28 15	32.8
CHARLESTON W8 AP	MAX MIN	23	31 8	35 12	44	42	38 35	39 33	35 29	57 31	61	65 50	56 39	39 14	27 10	34 10	40	49 16	51 27	52 27	55 21	21	46 10	48 - 6	7 -12	23	32 19	29	15 -10	42 - 8		31 24	38.9
CHARLESTON 1	MAX MIN	25 6	21	34 11	35 15	49	41 24	39 35	40 30	35 28	59 29	60 30	69 48	57 23	26 12	32 11	38 13	43 15	54 17	54 27	53 28	46	25 7	48 25	41 -11	10 -10	28 - 2	33 18	21 -12	22 -10		35 25	39.3
CLARKSBURG 1	MAX MIN	22	28	36 8	37 19	42 13	38 32	38 31	34 29	51 27	58 24	64	54 35	36 14	26 10	32	38 10	48 12	50 17	48 21	54 20	22	45 12	46 - 6	-15	18 - 5	33 15	30	15 -15	36 -20		31 19	37.1 13.0
CRESTON 1 SSW	MAX MIN	22	22	30 5	35 10	46 14	42 14	39 30	35 28	35 28	64	62 24	67 42	52 19	24	29	35 10	41 10	51 10	51 21	59 21	52	19	49 19	38 -22	16 -20	22 <b>-</b> 20	31 -15	19 -23	18 -25	41 -20	35 22	38.1 7.6
DUNLOW 5 E	MAX MIN	23	31 9	36 10	42 25	40 26	41 35	40	37 27	55 29	56 34	64 46	60 39	40 16	24	31 13	38 18	46 25	49	49 32	51 32	32	44	41 8	8 -19	21 - 2	34 19	29	17 - 9	39 1	37 32	32 21	38.3
ELKINS W8 AIRPORT	MAX MIN	21 7	29	38 11	36 24	40 12	40 30	41 31	35 29	55 27	58 30	62 37	58 39	39 14	28	32 7	38 11	48 12	51 20	50 21	52 23	23	45 11	45 - 4	11 -16	25 - 1	34 16	33	15 -13	38 -20	39 28	28 14	38.3
FAIRMONT	MAX MIN	22	29 13	33 13	35 26	38 19	40 32	36 32	32 30	52 30	58 42	62 45	5 2 3 6	36 13	27 10	33 17	38 14	48	50 25	48 27	51 20	20	43	<b>44</b> <b>-</b> 3	-15	18 - 1	32 14	27	13 - 4	34 -10	34 24	28 17	36.0
FLAT TOP	MAX MIN	22	31 9	36 12	39 21	40 15	35 31	35 32	33 26	47 24	51 39	57 40	57 42	46 12	20	27 6	35 13	43 11	45 22	42 31	53 36	36 3	39 6	36 3	-21	23 - 7	27 13	26	20 -13	- <sup>31</sup>	36 27	31 17	35.5 14.5
FRANKLIN 2 NE	MAX	28	36 5	40 15	39 15	40 9	49 28	45 18	40 30	54 20	57 25	61 32	65 34	47 27	34 13	37 9	43 12	50 15	54 21	47 21	57 34	50 11	46 10	43 28	35 5	34 5	35 24	28 13	21 8	34 7		35 25	42.7 17.7
GARY	MAX M1N	19	31 7	40	43 13	45 19	38 29	41	43 33	35 26	59 25	59 30	66 42	64	30 7	30 6	37 7	46 10	55 13	47 31	58 35	59 13	22 11	47 14	44 -11	13 -11	29 - 8	36 20	21 - 5	25 - 5	45	40	40.9
GASSAWAY	MAX MIN	25 4	32 5	36 10	43	43 14	40 33	40 32	39 31	58 27	60	68 39	62	46	30 9	36 7	42	52 11	53 20	52 23	56 34	35	48 8		12 -14	24 -11	35 16	31 10	16 -16	40 -13		31 24	41.1
GLENVILLE 2 NE	MAX MIN	26 3	32 5	<b>40</b> 8	44	43 13	38 30	38 31	37 30	58 29	61 25	68 41	54 42	42 17	29 7	35 7	40	53 11	54 18	50 20		31 5		<b>45</b>	9 -14	22 -13	32 13	2 9 8	19 -18	44 -18	37 29	34 18	40.2
GRAFTON 1 NE	MAX																																
GRANTSVILLE 2 NW	MAX MIN	23	26 5	34 7	38	46 9	44	39 29	38 30	36 30	61 25	62 27	68 44	53 21	25 9	32 9	31 10	43 11	54 12	54 22	54 23	47	28	49 26	40 -19	12 -19	26 -17	33 -17	20 -21	20 -20	45 -16	37 21	39.3 8.8
HAMLIN	MAX MIN	24	29 6	35 8	40 15	49 20	42	40	40 30	36 26	62 26	62 27	69 47	52 23	25 5	32 5	37 7	44	52 13	54 23	55 25	43	23	50 23	40 -14	11 -17	27 <b>-</b> 15	34 17	20 -20	20 -18	46 -10	37 24	39.7 11.6
HARPERS FERRY NAT MONMT	MAX MIN	32 12	39 19	39 27	43	41 15	48	41	40 31	44 21	53 23	50 32	42 34	41 30	34 15	42 15	40 16	49 20	43 27	40 24	45 31	46 13	37 13	38 31	38 - 2	30 8	44 21	32 22			33 23		39.6 19.8
HOGSETT GALLIPOLIS DAM	MAX MIN	22	29 5	33 8	38 13	48 21	41 22	45 32	43 30	36 30	61	63 31	67 43	51 23	26 12	31 12	36 13	44 11	53 14	53 18	50 27	47	20		42 -13	8 -13	24 - 4		21 -15			35 22	38.8 12.8
HUNTINGTON W8 AIRPORT	MAX MIN	25 7	32 9	37 15	45 26	39 24	40 34	38 31	35 29	61 32	60 47	66 49	50 33	33 13	28	35 14	42 12	49 16	52 26	43 26	48 17	17		46 -10	7 -15	21 - 1		25 - 1	14 -13	39 - 8		31 21	37.8 16.2
KEARNEYSVILLE 1 NW	MAX MIN	18	28 15	34 27	35 17	39 11	40	44	42 22	39 21	41	58 34	43	40 34	34 14	32 10	38 11	40 13	47 22	44	38 26	51 13		38 20	37 - 3	19		34 19	31 6		26 18	32 22	35.9
KEYSER	MAX MIN	27	33	34	38	35	40	44	37	42	43	47	40	42	35	34	38	44	42	38	52	42	38	36	34	21	35	33	27	20	31	30	36.5
LEWISBURG	MAX MIN	25 3	35 8	36 15	40	40 12	40 30	43	45 20	49 21	50 19	59 33	60 34	54 25	28	36 6	40 12	48 12	48 26	45 30	58 35	46	45			- 22 - 5	28 16	30 5	20 - 6	35 - 5			40.9 15.1
LOGAN	MAX MIN	26 9	31 9	37 11	42 16	46 23	37 25	43 34	42 32	36 30	57 30	54 32	68 45	60 26	27 10	32 10		43 13	49	48	53 29	54 13	23 10			14 - 9					43 - 1		39.8 15.6
LONDON LOCKS	MAX MIN	22	28 7	31 11	37 15	46 21	39 25	41 35	44 32	35 30	58 29	60 32	69 42	60 27	28 8	32 8		44 15	50 20	49		54 10	19		46 - 9	13 - 9	25 - 2	38 25	- 6	- 7	- 1	23	40.8
MADISON	MAX MIN			34 10	36 13	42 22	41 23	42 36		35 28		58 31	67 44	58 23	25 8	27 8	34 10		44 15	49		52 10				10 -11						38 26	38.6
							-			1												)										1	

Continued															11.12																JAN	NUART	1963
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MANNINGTON 1 N	MAX MIN	24	32	36	37	39 10	37	35	36	54	58	63	52 37	45	28	33	37	49	50	49	51	36	44	44	10	21	32	29	17	34	34	30	37.9
MARTINSBURG FAA AP	MAX	28	33	6 37 22	39 18	38	30 42 23	40	30 40	43	55	44 34	40 34	36	10 32 14	39	42	10 48 17	15	17 35 23	20 51 32	35 11	37 12	10 39 7	-17 18 - 4	-19 28	35	30	19	-26 28	33	33	36.8
MATHIAS	MIN	27	20 32 14	38 22	38	39	47 21	17 45 17	30 40 27	19 48 16	20 58 25	61	59 38	16 45 24	31	36	43	50 15	21 51 21	46 18	58 34	46	36	46	18	29	33	28	19	30	37	33	40.2
MC RDSS	MAX MIN	23	34	39	39	40 11	39	39	37 28	52 22	54	61	60 37	58 17	27	6 34 1		46	48	45	54 38	43	45	10 45 13	- 6 15 -18	28 -13	13 29 14	32 8	- 3 18 -15	-14 35 -11	19 37 26	16 34 20	39.6 12.8
MIDDLESDURNE 2 ESE	MAX	25	30	36	40 27	39 14	39	36 32	35 30	56	60	62	49	42	29	30 11	39	49	49	46 20	50	47	45	47	6	20	29 13	28	17	38	34 28	32 14	38.2
MOOREFIELD MCNEILL	MAX	30	32	37 32	40	36	48	44	41 28	54 17	60	62	58 35	49	34	39	45	55	49	43	59 29	50	48	49	45	30	34	30 18	19	29	35 13	34	42.5
MORGANTOWN FAA AIRPORT	MAX	24	28	34 15	35 25	40	40	38 34	34 30	53 31	58 43	63	54 36	36 13	27	33 15	38	51 26	48	48	51 19	19	42	45	3	20	33 15	27	17	35 -12	33	27	36.6
MORGANTOWN LOCK AND DAM	MAX	25	29 10	34 13	35 20	40 16	42 31	40	36 31	53 32	58 28	64	54 41	45 17	27	34 15	38	50 18	50 19	47 21	53 32	33	43	47	5 <b>-1</b> 6	18	34 12	31 10	12	36 -16	34 22	30 15	38.0
NEW CUMBERLAND	MAX	25 5	32 14	35 10	38 25	37 14	40 28	36 32	35 29	50 32	56 28	44 37	42 34	37 14	27	26 14	32	47 16	47 19	40	47 27	27	36 7	37 5	6 <b>-</b> 16	18	27 14	25 10	14	30 -16	31	29	34.0
NEW MARTINSVILLE	MAX MIN	29 8	30 10	37 11	41 27	38 16	40 27	37 33	36 29	56 32	62 27	61 39	50 36	37 11	31 11	35 15	40 15	53 16	47 20	43	47 28	30 4	47 11	45 4	7-14	- 22 - 8	32 15	30 8	20	36 -16	34 28	34 11	38.3 15.2
DAK HILL	MAX MIN	18	25 5	34 9	38 12	46 20	46 20	41	40 30	32 27	55 29	58 40	65 47	62 26	27	32 4	36	42	52 17	50 30	51 34	<b>56</b>	19	46 19	41 -15	11 -14	27 - 6	33 18	18 -12	21 -10	36 9	38	38.6 13.8
PARKERSBURG FAA AIRPORT	MAX MIN	26	30 9	35 12	44 26	40 20	40 27	36 32	34 30	56 33	60 40	62 42	48 34	34 12	28 10	31 16		50 21	48 24	46 25	49 15	15	44	45 <b>-1</b> 1	5 -15	20	30 I 6	26	14	35 -10	33 25	27 17	36.4 15.2
PARKERSBURG W8 CITY	MAX MIN	27 8	30 10	35 14	44	39 22	42 28	39 31	35 29	59 34	63 38	63 43	50 33	33 13	29 11	31 17	40 15	51 20	50 26	45 26	50 13	15	43 13	47 - 9	6-14	21 - 3	30 17	25	16 - 9	38 -10	33 25	30 18	37.4 15.8
PARSONS 1 SE	MAX	19	29 4	38 12	39 24	41 14	41 31	43	38 30	53 29	49 23	60 35	58 37	50 17	28 10	33 7	37 12	47 13	49 19	49 23	51 40	42	43 7	45 14	15 -15	_22 _ 4	34 12		32 - 2	34 -17	37 21	34 20	39 • 7 15 • 0
PETERSBURG	MAX	28	35 16	37 20	39 15	39 8	48 29	43	43 30	59 21	63 29	68 37	66 40	64 26	34 15	40 10		54 17	49 19	46 19	60 32	52 10	47 12	48 24	26 - 2	30 6	35 14	32 15	20	30 -13	34 18	35 26	43.5
PICKENS 1	MAX MIN	20	30	36 7	33	39 14	37 31	37 32	33 26	49	52 29	57 36	53 37	40 12	24	31 4		46 12	49 21	49	50 28	28	40 - 1	41	-21	23 -13	32 10	32	15 -18	38 -14	35 28	29 17	36.0 11.7
PIEDMONT	MAX MIN	16	22	32 18	40 24	43 16	40 21	46 30	46 30	36 28	52 31	58 36	58 40	59 26	27 10	30 11		40 26	50 24	56 26	52 34	49	21	44 21	40 -12	10 - 7	26 6	29 19	19	17 - 4	32 4	37 16	37.5 16.6
PINEVILLE	MAX MIN	22	30 6	36 9	38 12	45 21	38 21	41 35	42 32	35 28	49 28	61 29	66 45	65 27	29 8	26 8		41 10	49 13	44 27	<b>5</b> 7	<b>5</b> 7	20	45 12	34 -10	9 - 9	23 - 9	34 18	20 - 9	23 - 9	42 - 3	35 28	38.3 14.2
POINT PLEASANT 5 NNE	MAX MIN	28	32 6	35 10	47 26	40 18	44 30	41 34	36 28	59 31	62 27	66 40	58 37	39 15	29 10	34 13	42	50 14	53 20	48	47 27	28	45 8	46 7	-16	23 - 6	31 13	28 7	16 -18	38 -14	35 29	32 13	39.4 14.4
RAVENSWOOD DAM 22	MAX MIN	26	34 7	36 11	48 25	47 18	42 29	42 34	38 30	59 32	61 29	66 44	65 43	45 17	30 10	34 12		52 16	51 22	51 22	49 32	32 4	45 9	47 11	15 -12	22 -15	32 11	30 11	17 -19	41 -14	40 31	36 20	41.1 15.7
RICHWOOD 1 E	MAX MIN	22	37	39 7	38 16	49 13	48 32	39 31	34 31	51 23	54 19	61 34	57 29	47 13	43	35		47 12	49	50 20	51 38	42	44	43 6	25 -20	25 -10	34 12	39 4	18 -13	39 - 6	37 26	37 20	41.0
RIPLEY	MAX MIN	31 1	35 4	40 7	49 22	44 16	43 28	38 29	36 28	61 29	61 25	68 40	54 39	44	31 8	37 10		52 12	54 19	48 22	49 25	28	47 8	46 6	10 -18	26 -21	31 12	29 9	22 -26	42 -19	36 29	36 19	41.0
ROMNEY 3 NNE	MAX MIN	27 8	36 18	41 23	44	39 10	48 27	46 17	43 29	56 28	59 20	53 32	54 35	47 25	34 15	39 8		51 11	46 17	45 18	59 34	49	47	43 22	23 - 8	29 6	35 11	31 18	20	27 -13	33 14	34 23	41.4
ROWLESBURG 1	MAX MIN	21	29 10	38 14	36 22	40 14	42 30	40 30	36 31	54 30	51 27	60 35	56 37	46 18	27 11	32 8		48 16	52 20	48 25	50 35	36 4	44	46 13	14 -15	21 - 3	34 14	29 8	13 - 1	37 -18	35 24	32 18	38.2 15.4
SPENCER	MAX MIN	26 2	31 5	37 10	45 25	43 17	42 33	38 32	36 29	59 32	62 43	68 47	64 44	44 17	28 9	34 10	40	50 16	53 21	52 23	53 30	31 3	45	43 8	10 -15	20 - 5	30 16	28	15 -18	39 -14	37 31	32 18	39 · 8 16 · 0
SPRUCE KNDB	MAX MIN	9 -16	21	35 14	35 16	30 18	38 22	40 27	38 27	35 22	49 26	48 32	55 42	50 22	23 5	34 6	29 14	34 18	38 25	43 30	49 36	46	21	40 18	35 -22	9 -15	23 - 1	32 10	- 12 - 8	14 - 6	35 10	32 17	33.3 12.7
UNION	MAX MIN	21	29 7	37 5		41 13	35 20		43 29	35 24		59 30	63 39	64 28	31 6	30 4			50 19		47 31	56 7			41 -16	~~					36 - 2		38.3 12.9
WARDENSVILLE R M FARM	MAX MIN	20	28 16	35 24	37 16	42 12	42 15	49 18	49 22	42 19	55 20	62 24	63 36	57 35	36 13	33 10		44	53 14	50	45 23	60	20 8		48 - 2	22	31 10	35 19			35 10	37 25	40.7
WEBSTER SPRINGS	MAX MIN	21	30 5	38 10	39 28	41 11	41 33	41 33	38 30	50 30	58 29	63 39	60 42	50 19	38 9	33 7	39 10	42 14		53 26	55 34	<b>42</b> 6	46 6	47 14	18 -15	25 -11	37 15	35 8	25 - 9	43 - 5	40 28	36 23	41.1
WEIRTON	MAX MIN	27	33 12	35 12	38 26	36 16	40 28	35 31	33 28	49 30	49 33	47 37	43 32	33 11	26 7	28 14	32 12	48 25	47 23	41	46 25	25	36 6		9 -18			23 8	15 - 8	29 -11	31 23		34.0 14.6
WELLSBURG 3 NE	MAX MIN	25 4	30 9	34 8	37 26	37 12	40 28	36 31	35 30	49 32	53 24	45 38	44 35	37 14	26 9	25 12	33 12	46	47 17	42 19	46 29	30 2	38 7		7 -15								34.3 13.6
WESTON	MAX MIN	18	24 7	28 7	40	39 15	41 15	40 34	38 31	34 31	56 29	62 33	67 47	55 26	35 11	29 10		39 15	53 15	55 22	55 24	<b>5</b> 1 6	22	47	39 -14	7 -14	- <sup>23</sup>	33 -18	20	16 -16	40 -16	36 21	37.6 11.6
WHEELING WARWOOD DAM 12	MAX MIN	18	25 11	30 10	35 11	38 18	35 15	40 30	36 30	36 30	50 31	56 36	47 38	45 18	20 10	28		35 18	48	46	50 26	47									30 -14		32.9 13.0
WHITE SULPHUR SPRINGS	MAX MIN	29	37 2	41 5	42 21	37 10	42 32	48 28	40 32	54 26	59 23	64 33	64 37	56 24	30 10	36 5		51 9	56 15	47 29	60 35	46			17 -13		30 14	34 11	- 22 - 3	36 - 8	3 <b>8</b> 28	38	42.3 15.5
WILLIAMSON	MAX MIN	26	33 7	39 7	42 17	49 22	39 24	42 36		37 26	60 26	57 31	70 45	61 25	26 8	31 7		47 12	52 14	49	56 30	56 13	24	50 17	40 -11	14 - 7	30 - 5	38 19	23 - 5	26 - 5	45 4	38	41.3
WINFIELD LOCKS	MAX	24	29	33	38	49 23	42	42	39	37	61	60 30	68			31	37	43	51		53	48	21	48	43	4	24	31	20	19	38	35	38.6 14.6

Station					-		,					,	,	,		Day	of m	onth											, ,			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ARBOVALE 2	SNOWFALL SN ON GND	12	12	1D	1D	1D	T 9	В	T 7	T 7	6	5	3	1.D	2	2	2	1	т	т	T	т	Т		2.0	1	Т	4.D	1.0	5	5	
BAYARD	SNOWFALL SN ON GND	T 1D	10	1D	1D	T 1D	1D	9	9	T B	7	6	S	7 5	. 5 S	2	5	4	4	3	2	Ĭ 2	2	2	1.D	2	2	4.0	5.0	6	T 6	
BENSON	SNOWFALL SN ON GND	-	-	-	-	1 1	-	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-	-	- 4	- ID	- B	- 6	- 1D	_ 1D	- 6	-	
BLUEFIELD FAA ALRPORT	SNOWFALL SN ON GND					Т		.2	.3	т				1.3	T		1					т		1.5	T 2	1	T 1	2.4	T 2	2	T	
BLUESTONE DAM	SNOWFALL SN ON GND	2	,	1	Т	т	Т	т	Ţ	T	т			Ť	T	, ,									1.0	-		1.0	Ţ	1	T	
BRUSHY RUN	SNOWFALL SN ON GND	3	3	3	3	3	T 3	3	3	3	3	2	Ţ	, T	ľ	'									1	1	1	2.2	2	2	2	
BURNSVILLE	SNOWFALL SN ON GND	T							T					2.D	T 2	1	1	1				T			6.D	6	6	4.D	7	7	T 6	
CAMDEN ON GAULEY	SNOWFALL SN ON GND	1	1	1	1	т	1.D	1	1.D	T 1	1			2.D	1.D	1	1	1				2.D	T 1	1	6.D		2	3.0	2.0	2	1	
el Av. •		1		1	1	ľ		1	_		•				_		•	1				1	1	1	3.D	I	°	] 3.d	<sup>3</sup>   	ا '	1	-
CLAY 1	SNOWFALL SN ON GND								Ť					1.0	1	1	Т								3	3	3	6	5	3	Т	
CHARLESTON WB AIRPORT	SNOWFALL SN ON GND WTR EOUIV							T	. 6 T					2.D	1	1	Т	Т			Т	. 2 T		4.3	T 4	3	2.3	4	4	4	.3 2 .3	1
CRESTON 1 SSW	SNOWFALL SN ON GND														Ť									7.0	7	7	5	2.0	6	6	4	
ELKINS WB AIRPORT	SNOWFALL SN ON GND	T	T	т	т	. 3 T	.3	T	. 3 T	T	Т	т		1.2 T	. 2	7	Т	т	т	т	T	. 2 T	Т	2.9 T	T 3	2	3.3		.1	T 3	.8	3
	WTR EOUIV	'	,	'	'	Ľ	1		'	Ċ	Ċ	i i				<b>'</b>								4.6	. 1	. 1	. 8	. 4	. 4	. 4	.3	1
FLAT TOP	SNOWFALL SN ON GND	2	2	2	2	2	2	2	2	2	1			2.1	2	1	Т							5	5	S	6	8	8	S	4	
GLENVILLE 2 NE	SNOWFALL SN ON GND	Т							Т					1.4	1	1	Т	Т	Ť			Т			6.D	5	4	8	8	7	7	
HUNTINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EOUIV								. 2 T				T	T 4	Т	т					Т	T		4.3	4	4 . 3	1.8	6	S .5	T S .5	3 .3	3
EWISBURG	SNOWFALL SN ON GND	6	s	5	4	4	4	3	3	2	2	2		-								Т		2.D	2	2	1.0	T 3	3	_	2	
MADISON	SNOWFALL SN ON GND													1.D	1										3.D 3		1	2.0	3	2	1	
MANNINGTON 1 N	SNOWFALL SN ON GND	,	1	1	,	1	т	т						1.D										4.S S	.5		1.0	4.0	9		В	
MARTINSBURG FAA AIRPORT	SNOWFALL	1			1		т		'					T	'									Т	,		4.0			3	T 3	
MATHI AS	SN ON GND	9	9	8	7	6	.2	3	2	1	1													Ť				1.5		- 10	Ţ	
AC ROSS	SNOWFALL		5	4	4	3	3	3	2	2	2	1	Т	1.D								Т		2.D			1.0		1	1	1 T	-
MOOREFIELD MC NEILL	SN ON GND	4	4	4	3	2	2	2	2	2	2	1	Т	Т	Т	T	Ť	T	Т	Ť	Т	Т	Т	2	2	2	3	2.0	4	4	3	
MORGANTOWN FAA AIRPORT	SN ON GND	Т	Т	-	-	т	т	-	т	- '	-	-	-	т	Т	-	-	-	-	-	Т	т	-	- 4.D	-	-	1.6	3.0	-	-	.3	3
NEW MARTINSVILLE	SN ON GND	Т	Ť	Т	T	Т	Т		Т	Т				T .9	Т	Т								.3	4	4	3	7	6	5	3 T	ŀ
OAK HILL	SN ON GND	Т	Т	Т	Т	Т	Т	Т	.3					T 2.D										3	2.0	3	8	1.0	B 1.0	7	6 T	
	SN ON GND								T			:		2	2	1					т			S.D	2	2	5.0	3	4	4 T	3	
PARKERSBURG WB AlRPORT	SN ON GND												.4	1	Т										5	5	3	9	9	7	4	
PARKERSBURG WB CITY	SNOWFALL SN ON GND								T				Т	T _	Т	Т	т		T		Т			4.D	4	4	3.0	7	6	5	4	
PIEDMONT	SNOWFALL SN ON GND	7	7	7	5	4	T 4	3	T 2	2	2	1	Т	T	T	Т	Т							T	T	т	Т	3.5	3	3	2	
PINEVILLE	SNOWFALL SN ON GND								T					1.5	2	Т	Т	т							2.0	2	т	3.0	3	2	т	
ROWLESBURG 1	SNOWFALL SN ON GND	T 4	4	4	4	4	T 4	4	4	4	3	Т	т	T	1.0	Т	Т	т	т						5.0	5	5	6.0 B	1.0	В	6	
SPRUCE KNOB	SNOWFALL SN ON GND	12	12	12	11	11	1.D 9	8	7	7	6	4	-	1.0	1	1						1.0		T	3.0	1	1	6.0	2.0 B	7	6	
WEIRTON	SNOWFALL SN ON GND	т	Т	т	Т	Т	Т	T	T					1.3	1	T 1	T				T	Т	Т	4.0	4	3	1.5	9 4.5	9	7	7 7	3
WHEELING WARWOOD DAM 12	SNOWFALL SN ON GND	т	Т	т	т	т	т	т	т	т	т	т		.s	т	Т	т	т						.5	2.0	2	2	4.0	6	6	4	
WHITE SULPHUR SPRINGS	SNOWFALL SN ON GND	4	4	3	3	3	2	2	2	2	2														2.0	2	2	2.0	3	2	1	
WINFIELD LOCKS	SNOWFALL SN ON GND								т					1.0	Т							T T:			6.0		3	1.0	4	3	T 3	1

GELEVON.	C NO.		AGE 1	UDE	TUDE	NOIL		SER TIME		ID.	and Francis	
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUD	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL SIE NOTE:	OBSERVER	and the same
ALBRIGHT ALDERSON ALPENA I NW ARSOVALE 2 ATHENS CONCORD COLLEGE	0102 0143 0249	PRESTON MONROE RAMOOLPH POCAMONTAS MERCER	2 7 2 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	1219 1555 3020 2730 2600	5 P 3 P	7A 7A 7A 8A 3P		н	MONONGAHELA POWER CO. RASSIE L. SIMS OMER S. SMITH MRS. NETTIE R. SHEETS COMCORO COLLEGE	
BAYARD BECKLEY V A HOSPITAL BELIMGTON BELLEVILLE DAM ZO BELVA	0633	GRANT RALEIGH BARBOUR WOOD MICHOLAS	9 7 10 8 4	39 16 37 47 39 02 39 09 38 14	79 22 81 II 79 56 81 45 81 12	2375 2330 1679 600 748	5P 6P	7A 8A 7A 7A 7A		н	HOWARO R. FULK V. A. MOSPITAL GEORGE R. HILLYARD CORPS OF ENGIMEERS RAYMONO E. PHILLIPS	
BENSON BEMS RUN BERKELEY SPRIMGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT	0687 0710 0844	HARRISON TYLER MORGAH MICMOLAS MERCER	10 8 9 4 7	39 09 39 28 39 37 38 25 37 18	80 33 81 06 78 14 80 47 81 13	1080 644 640 1685 2805	4P 8A 6P 6P MID	4P 8A 6P 6P MIO		н	CLARKSBURG WATER BOARO ROBERT M. HALL H. M. RUPPENTHAL. III SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY	
BLUESTOME OAM BRANCHLANO BRANDONVILLE BRUSHY RUN BUCKEYE	1075 1083 1204	SUMMERS LINCOLN PRESTON PENOLETOM POCAHONTAS	7 3 2 9 7	37 39 38 13 39 40 38 50 38 11	80 53 82 IZ 79 37 79 15 80 08	1366 600 1798 1375 2100	8A 8A 5P	8A 7A 8A 7A 7A	8A	СН	CORPS OF EMGIMEERS BERYL L. WIMTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAN WALTOM	
BUCKMAMMON 2 W BURNSVILLE CAIRO 3 S CAMOEN ON GAULEY CAMAAN VALLEY	1282 1328 1363	UPSHUR BRAXTON RICH1E WEBSTER TUCKER	10 5 5 4 2	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	1445 770 680 2100 3250	6P 6P 6P	6P 7A 7A 6A 6P		н	OR. ARTHUR B. GOULD JOHN W. BROWN EUREKA PIPE LIME CO. HOWARD FLETCHER BEN F. THOMPSOM	
CEMTRALIA CHARLESTON WB AP CHARLESTON I CLARKSBURG I CLAY I	1570 1575 1677	BRAXTON XAMAWHA KANAWHA HARRISON CLAY	4 4 6 4	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	M10 9A MID	8A M1D 9A MID 7A	мІо	СН	MRS. CLARA F.HOLOEM U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HEMRY R. GAY MRS. SARAH B. FRAMKFORT	
CLENDENIN 1 SW CORTOM CRESTON 1 SSW DAVIS DRY CREEK	1959 2054 2209	KAMAWHA KANAWHA WIRT TUCKER RALEIGH	4 5 2 4	36 29 36 29 36 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	615 640 648 3120 1264	7A	8A 7A 7A		C H	KATHERIME M. RADER HOPE NATURAL GAS CO. SEWARD R. LYMCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL	
OUMLOW 5 E ELKIMS WB AIRPORT ELLENBORD FAIRMOMT FLAT TOP	2718 2746 2920	WAYNE RAMOOLPH RITCHIE MARIOM MERCER	8 10 5 6 7	38 20 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	850 1970 805 1298 3225	5P M10 M10 7P	5P M10 7A M10 X		СН	KELLY BROWMING U. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT FRED E. BOWLING	
FRANKLIM 2 ME FREEMANSBURG GARY GASSAWAY GLEMVILLE 2 NE	3238 3353 3361	PEMOLETOM LEWIS MC DOWELL BRAXTON GILMER	9 6 1 4 5	38 40 39 06 37 22 38 40 38 57	79 19 80 31 81 33 80 46 80 49	1900 1030 1426 840 825	6P 6P 6P	7A 8A 6P 7A		C C C H	GEORGE O. HAMMER EOUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. DICK W. BEALL	
GRAFTON 1 ME GRANTSVILLE 2 MW GRIFFITHSVILLE MACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LIMCOLM WEBSTER BARBOUR	10 5 3 4 10	39 21 36 56 38 14 36 39 39 03	60 00 61 06 61 59 60 23 60 07	1230 730 850 1501 1375	5P 8A	5P 8A 7A		c c	EARL R. CORROTHERS HOPE MATURAL GAS CO. ROBIM O. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON	
MAMLIM MARPERS FERRY MARPERS FERRY NAT MONMY MASTINGS MICO	3927 3932 3974	LIMCOLN JEFFERSOM JEFFERSOM WETZEL FAYETTE	3 9 9 8 7	36 17 39 19 39 19 39 33 36 07	82 06 77 44 77 44 80 40 81 00	642 405 220 760 1970	8A 5P	8A 7A 5P 3P 7A			W. VA. WATER SVC. CO. MISS ELEAMOR J. WHITE NATIOMAL PARK SERVICE HOPE MATURAL GAS CO. MRS MILDRED E CRIST	
MOGSETT GALLIPOLIS OAM MOPEMONT HORNER MOULT LOCK IS HUNDREO	4264 4281 4309	MASON PRESTOM LEWIS MARIOM WETZEL	8 11 6 6 8	38 41 39 26 38 59 39 30 39 41	62 11 79 31 60 22 60 08 60 27	570 2490 1075 878 1034	7A 5P	7A 7A 4P 12M	7A	С	CORPS OF EMGINEERS MAS» HARRIET SHARPS CLARKSBURG WATER BOARO CORPS OF EMGIMEERS MFGRS» LT» + MT» CO»	
# HUMTINGTON FEO BLDG HUMTINGTON WB AIRPORT IAEGER IRELAMO JANE LEW	4393 4408 4478	CABELL CABELL MC DOWELL LEWIS LEWIS	6 6 6 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25		OIM			С	CORPS OF ENGINEERS U. S. WEATHER BUREAU HRS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	
KEARMEYSVILLE 1 NW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	9 1 9 10 2	39 23 37 50 39 26 38 35 39 43	77 53 62 24 78 59 80 05 79 51	550 620 930 3210 900	5P 5P 5P	5P 7A 5P 5P 7A		c H	UNIVERSITY EXP. STA. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUPT. WEST PENN POWER CO.	
LEWISBURG LINOSIDE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341	GREENBRIER MONROE JACKSON GILMER LOGAN	7 7 8 5 3	37 48 37 27 38 54 36 51 37 51	80 26 80 40 81 32 80 58 82 00	2250 2000 665 720 664	5P 8A	5P 8A		H C C C	HUGH A. SCOTT LOUIS E. CANTIBERRY BROOKS E. UTI HOPE NATURAL GAS CO. COY E. MARSHALL	
LOMDON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 H MARLINTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	4 4 6 6 7	38 12 38 03 39 33 39 32 36 13	61 22 61 49 60 21 60 22 60 05	623 675 975 995 2150	7A 8A 6P	7A 6A 6P 7A		н	CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST CECIL A. CURRY	

STATION	N NO.	COUNTY	AGE ‡	LATITUDE	TUDE	NOLLI		SER'		D	OBSERVER
STATION	INDEX	COUNTY	DRAINAGE	LATE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEM DAM 13	5712 5739 5747	BERKELEY BERKELEY HAROY MERCER MARSMALL	9 9 7 8	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 81 15 80 44	537 535 1625 2580 655	4P	M1D 6P 7A 7A		н с с н	FEO. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSOM CORPS OF ENGINEERS
MC ROSS MEADOW BLUFF 2 5 MIDDLEBOURME 2 ESE MOOREFIELD 2 SSE MOOREFIELD MCMEILL	5886 5963 6163	GREENBRIER GREENBRIAR TYLER HAROY HAROY	4 4 8 9	37 59 37 53 39 29 39 02 39 09	80 45 80 40 80 52 76 56 78 54	2445 2450 750 830 800	5P 7P 6P	5P 7A 7P 6P		н м с н	RUSSELL O+ AMICK DVED TO SMOOT -8295- JOHN W- CRUMRINE MRS- ZELLA H- VETTER MRS- JOHN W- SAVILLE
HORGANTOWN FAA AIRPORT HORGANTOWN LOCK AMD OAM HT STORM HAOMA HEW CUMBERLAMO	6212 6293 6362	MOMONGALIA MOMONGALIA GRAMT RALEIGH HAMCOCK	6 6 9 4 8	39 36 39 37 39 17 37 52 40 30	79 55 79 56 79 14 61 29 60 36	1245 825 2845 1210 750	MID 7P 6P	M10 7A 8A 6P		C C	FEO. AVIATIOM AGEMCY CORPS OF ENGINEERS MRS. EILEEM MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
NEW MARTIMSVILLE DAK HILL DAPS PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY	6467 6591 6674 6849 6859	WETZEL FAYETTE HORGAN WOOD WOOD	8 7 9 8 8	39 39 37 58 39 30 39 21 39 16	80 52 81 09 78 17 81 26 81 34		6P 7A HID HIO	6P 7A 7A M10 M10		C H C H	OR - Z. W. ANKROM MILES H. MARTIM MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. WEATHER BUREAU
PARSOMS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEDMONT	6954 6982 6991	TUCKER GRAMT BARBOUR RANOOLPH HINERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1680 1013 1281 2695 1053	5P 6P 7P 8A	5P 7A 7A 7A 8A		н	FERMOW EXP. FOREST MRS. BESS S. MOHL MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR.
PIMEVILLE POINT PLEASANT 5 MNE PRINCETON RENIEM 22 RENIEK 2 S	7029 7112 7207 7352 7444	WYOMING MASON MERCER JACKSOM GREENBRIER	3 8 7 8 7	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	610 2410 584 1900	7A 5P 4P	7A 5P 7A 7A 8A		н	JAMES G. MC DERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIM
RICHWOOD 1 E RIPLEY ROMMEY 3 NHE ROWLESBURG 1 ST MARYS	7552 7730 7765	NICHOLAS JACKSON MAMPSHIRE PRESTON PLEASANTS	8 9 2 8	38 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 IZ	2300 610 640 1375 650	6P 5P 5P 7P	6P 5P 5P 7A 5P		н	HUGH 0. WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN H. INGRAM
SALEM JACOBS RUN I SALEM POST ROGERS SMITHBURG SMITHBURG 2 SMITHVILLE	7889 8274 8278	HARRISOM MARRISOM ODDORIOGE DOOORIOGE RITCHIE	6 6 8 8 5	39 18 39 17 39 17 39 17 39 04	80 35 80 36 80 44 80 44 81 05	1120 1120 795 818 840		8A 7A		c c	THOMAS P. STURM SOIL CONSERVATION SVC. HOPE NATURAL GAS CO. MRS ANNABELLE CHILDERS HOPE NATURAL GAS CO.
SPENCER SPRINGFIELD 1 M SPRUCE KMOB STOMY RIVER DAM SUMMERSVILLE 3 NE	8409 8433 8536	ROAME HAMPSHIRE PENOLETON GRAMT HICHOLAS	5 9 9 4	38 48 39 28 38 41 39 08 38 18	81 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850	6P 8A	8A 8A 7A		с н	W. VA. MATER SVC. CO. MARRY L. GRACE MARRY J. GOROON FRED C. BECKER CHARLES F. GUM
SUTTOM RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM	8762 8807 8924	BRAXTOM PRESTOM TUCKER MASOM TAYLOR	4 2 2 4 10	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A	c c c	CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKIMS MISS MORMA RUTH CASTO CORPS OF EMGIMEERS
UNION VALLEY BEMD VALLEY HEAO VAMOALIA VAROENSVILLE R M FARM	9068 9086 9104	MONROE RAMDOLPH RANDOLPH LEWIS HARDY	7 10 10 6 9	37 36 36 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 76 35	1975 2010 2425 1120 960	7A 9A	7A 7A 7A 6P 9A	9A	c c	MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KEMT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA.
WASHINGTON DAM 19 WEBSTER SPRIMGS 1 E WEIRTON WELLSBURG 3 ME WESTOM	9309 9333 9345 9366 9436	WOOD WEBSTER HAMCOCK BROOKE LEWIS	8 8 8	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	5P 6P 6P 7A	7A 7A 6P 6P 7A		Сн	CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON MISS OORIS J. PFISTER J. ARTHUR HENRY. JR.
WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS WIOEM WILLIAMSON WILLIAMSON 2	9492 9522 9554 9605 9610	ONIO GREEMBRIER CLAY MINGO MINGO	6 7 4 1	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	8A 5P 8A	7A A 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER MORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
VIMFIELO LOCKS	9683	PUTMAM	4	36 32	81 55	571	7A	78		н	CORPS OF EMGINEERS
NEW STATION	8295	UREEMBRIER	4	37 52	80 41	2500		7A			JOHN P JONES

\$ 1-BIG SAMOY, 2-CHEAT, 3-GUYANDOT, 4-KANAMHA, 5-LITTLE KANAMHA, 6-MONONGAHELA, 7-NEW, 8-OHIO, 9-POTOMAC, 10-TYGART, 11-YOUGHIGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Dolayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snewfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included to this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard oormals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer mooths some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Iodex the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Soow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

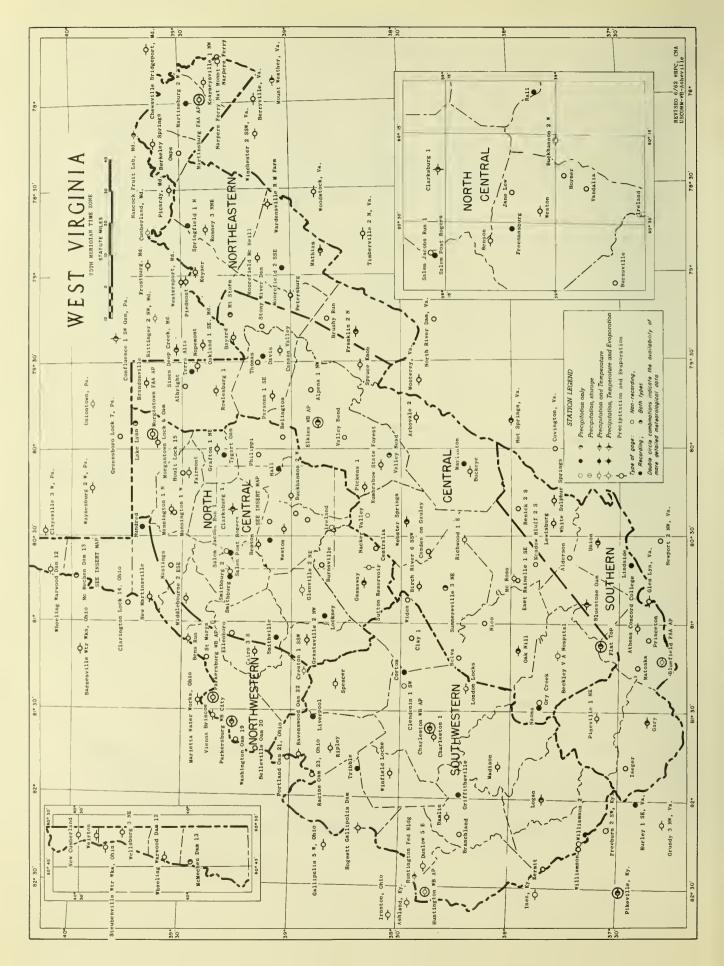
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall,
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superiotendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cects.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Cbecks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washingtoo 25, D. C.

USCOMM-WB-Asbeville, N. C. --- 3/22/63 --- 725



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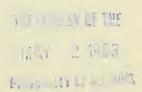
# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

FEBRUARY 1963 Volume 71 No. 2





#### WEST VIRGINIA - FEBRUARY 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 69° on the 7th at Williamson

Lowest Temperature: -30° on the 15th at Birch River 6 SSW

Greatest Total Precipitation: 4.86 inches at Pickens 1

Least Total Precipitation: 1.02 inches at Brushy Run

Greatest One-Day Precipitation: 1.45 inches on the 12th at Birch River 6 SSW

Greatest Reported Total Snowfall: 49.0 inches at Alpena 1 NW

Greatest Reported Depth of Snow on Ground: 30 inches on the 28+ at Canaan Valley

#### SPECIAL WEATHER SUMMARY

This February averaged well below normal and many minima established new records for particular dates. Elkins tied it's February minimum record of -21° previously recorded on the 10th in 1899; Pickens tied with February 9, 1934 with two occurrences this month at -21°, but published volunteer observer records for Helvetia included in the Pickens records show -24° for the ex-

treme coldest occurring February 5, 1886.

Horace C. Dwelle Weather Bureau State Climatologist Box 986 Parkersburg, West Virginia

			Tempe	rature										Pracis	pitatian					
			Tempe	1				No.	of Day	b				Freci	1	w, Sleet		11	o. af (	Doys
Station	Average Maximum Average	Average	Departure From Normal	Dote	Lowest	Date	Degree Days	Above 22° eq 32° eq	32° or Selow	o or Below	Tatal	Departure From Normal	Greatest Day	Date	Tatal	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN																				
BENS RUN CAIRO 3 S NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY WEILTON WELLSBURG 3 NE WHEELING WARWOOD OAM 12	35.9M 10 39.1 16 35.1 13 36.5 16 35.5 15 36.6 16 35.7 12 32.8 10	.0 24.1 .8 26.7 .7 25.6 .5 26.6 .8 24.5 .9 24.3	- 7.8 - 8.5 - 7.3 - 8.9	59 7 60 6 55 6 61 6 60 6 57 6 55 7 7	- 8 -11 - 6 - 6 - 3 - 8 -12	23+ 22 26 27 16 22 22 27+ 27	1168 1032 1140 1065 1095 1069 1128 1132 1202	0 0 1 0 1 0 1 0 1 0 1	9 27 2 28 2 27 2 28 1 27	8 3 5 2 3 2 6 6 7	1.37 1.85 1.49 D 2.09 1.58 1.51 1.84 1.86	- 1.52 - 1.22 80 97 - 1.32 50 - 1.16	. 46 . 44 . 31 . 46 . 35 . 37 . 45 . 22	11 24+ 11 10 10 2	11.4 7.4 8.3 19.7 9.0	4 6 4 5 5 3 4	1	5 7 8 6 6 8 8 7 5	0000000	0 0 0 0 0 0 0 0 0
DIVISION		25.0	- 9.1								1.66	- 1.13			11.0					
NORTH CENTRAL																				
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK ANO OAM WESTON	40.3 13 37.9 12 36.7 14 34.7 15 41.6 16 37.3 11 39.6 14 38.6 11 37.1 11 37.3 14 34.6 14 36.9 13 36.7 11	.5 25.2 .0 25.4 .5 25.4 .8 25.2 .6 24.5 .3 27.0 .9 25.3 .8 24.5 .5 25.9 .1 24.4	- 9.5 - 7.5 - 9.1 -12.8 - 7.9 - 9.2	62 6 60 6 58 6 66 6 67 6 664 7 661 6 658 6 661 6 658 6 661 6 658 6 661 6	-19 -11 - 6 -10 -10 -12 - 7 -16 -12 - 6 - 8	16 16 22 16 16 27+ 22+ 16 22 27 27 17+	1067 1107 1103 1111 996 1131 1057 1106 1128 1087 1131 1104	0 1 0 1 0 1 0 1 0 1	2 26 5 26 2 27 7 25 1 28 1 26 9 27 4 28 0 27	5 5 4 3 4 7 6 7 5 5 4 5 8	1.94 2.88 2.47 2.41 2.56 2.68 2.43 0 2.24 2.11 2.00 1.62 2.25 3.25	- 1.62 73 44 58 91 63 - 1.05 68 55 57	.74 .90 .72 .75 .66 .44 .69 .78 .46	19 19 19 20 11 20 2 2	14.5 23.5 14.0 18.0 14.1 12.1 12.0 5.3 10.0 9.5 12.0 12.0	65 77 44 77 88 77 44 48 87	1 1 13+ 1 3+ 21+ 21+	9 6 7 8 7 9 10 6 8 5 8 9	2 1 2 3 2 0 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
DIVISION		25.6	- 9.5								2.37	87			13.3					
SOUTHWESTERN  CHARLESTON WB AP R CHARLESTON 1	39.4 18 38.8 16			62 6 64 7		16 16	1002	0 1		3 4	2.70 2.51	83 74	•93 •47	19	19.0	4	13+	7 7		0
DUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WILLIAMSON WINFIELD LOCKS	40.1 18 39.9 13 37.4 14 40.9 17 40.9 17 40.5 15 39.9 16 41.0 17 41.1 15 40.7 17 42.3 17 38.8 15	9 29.5 26.7 25.9 8 28.1 1 29.0 8 28.0 6 28.3 8 29.4 3 29.0 7 30.0	- 7.4 - 7.1 - 9.0	59 6 66 7 64 7 63 6 64 7 661 6 64 6 64 6 65 7 7	- 7 -10 - 2 - 4 - 3 - 6 - 4 - 8 - 8	22 24+ 22 23+ 23+ 22+ 22+ 22+ 22+ 23+	986 1067 1088 1028 1000 1028 1021 989 1024 1001 973 1051	0 1 0 1 0 0 0 0 0 0 0 0 0 0 0	6 25 8 27 3 27 1 28 7 27 27 8 28 8 27 7 26 6 27 7 26 5 26	2 6 5 3 2 4 5 4 3 4 3 2 2	3.00 2.83 1.44 1.61 2.83 2.39 2.93 1.33 1.39 2.03 1.87 4.21	- 1.58 - 1.49 67 - 1.57 - 1.58	.80	20 19 11 20 19 11 20	20.3 11.7 7.9 8.8 14.1 4.4 4.8 12.9 11.00	7 4 1 3 4 6 4 3 5 3	13 22+ 14+ 15+ 13 15+ 12+	8 9 5 9 8 10 6 4 6 7 8 6	2 0 0 1 2 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OIVISION		28.3	- 8.8								2.32	94			11.4					
CENTRAL																				
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BIRCH RIVER 6 SSW BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOD 1 E ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	35.4 8 36.6 144 32.7 11 31.4 7 7 38.9 10 32.4 8 3 33.5 8 39.0 12 37.4 11 38.3 12 35.2 11 38.3 12 35.2 11 37.5 13 32.8 11	0 21.9 19.4 6 24.8 0 20.2 9 23.6 5 24.2 11.0 12.5 6 8 24.6 8 24.6 13.5 14.5 15.5 16.5 16.5 17.7 16.5 16.5 17.7 17.5 16.5 17	- 7.5 - 8.6	55 6 6 6 6 6 6 5 7 6 6 6 6 6 6 5 5 5 5 6 6 1 6 6 6 6 6 6 6	-23 -15 -30 -19 -17 -26 -21 -13 -26 -16 -18 -17 -21 -17 -14 -14	16 27 16 27 16 27 27 22 26+ 16 27 27 27 27 27 27 27+ 26+	1199	0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	0 28 8 28 6 28 3 28 7 28 2 28 0 27 2 28 2 28 9 28 1 28 0 28 7 28 8 27	87 46 86 77 59 67 46 55 9	1.95 2.99 2.56 4.80 2.90 2.37 4.26 2.72 2.55 1.82 2.97 2.98 4.86 2.89 2.41 3.19	- 1.22 51 91	.45 .600 .433 .600 .811 .67 .633 .311 .988 .488 .588 1.35 .788 1.100 .488 .96	3 11 12 3 19 19 2 19 4 19 2 3 2 3 2 3	18.0 32.0 24.4 18.5 42.0 22.4 19.0 28.0 20.5 18.0 48.5	7 18 9 13 30 8 8 14 9 7 10 14	26 19 20 28+ 26 19 28+ 19+ 14 15	7 9 7 8 9 8 14 7 9 8 8 10 8 10 7	2 0 5 2 1 2 2 1 0 3 0 3 2 3 2 0	0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0
OIVISION		23.6	- 8.5								3.09	73			26.0					
SOUTHERN  ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE DAM GARY LEWISBURG WHITE SULPHUR SPRINGS  DIVISION	38.0 16 36.4 17 37.4 15 40.6 15 40.3M 16 40.5 15	.9 27.2 .1 26.3 .6 28.1 .3M 28.3M	- 9.0	59 6 62 6 57 7 68 7 5B 6	- 8 - 2 - 6	22 22 23+ 27	1043 1052 1078 1024 1023 1028	0 0 0	8 27 9 26 8 28 8 27 7 26	6	1.71 1.80 1.60 2.06 2.03	- 1.34 80 - 1.26	.68 .67 .47 .53	12 19 3	17.5 16.0 12.5 12.5 13.5 17.3	8 9 4 4	20 13	7 5 6 6	0	0 0 0 0
NORTHEASTERN  BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL PETERSBURG	37.1 14 40.9 14 39.2 17 33.4 14 33.0 10 36.0 15 39.1 12 42.3 12 43.0 16	.4 27.7 .4 28.3 .1 23.8 .2 21.6 .4 25.7 .3 25.7 .9 27.6	- 8.3	54 6 64 6 56 6 49 21+ 50 19 51 6 60 6 63 6 62 7+	-12 3 - 6 - 5 - 2 -13 -15	22	1092 1040 1019 1151 1207 1094 1094 1041	0 0 1 0 1 0 1		4 0 2 3 2 5 4	1.48 1.36 1.19 1.57 1.57 1.80 1.20		•52 •68 •53 •75 •83 •52	12 20	12.9 14.3 15.8 8.5 12.0 17.9 11.0	7 9 7 7	12 13 13 19	3534 4334	1 1 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

# CLIMATOLOGICAL DATA

WEST VIRGINIA FEBRUARY 1963

				Tem	perot	ure						- 1				Precip	pitotion					
										No	of Da	ays					Snø	w, Sleet		N	o. of	Doy
Station				re					9,8	Мох	. 7	Min.		a a a	Рαу			epth		are	9	910
	Average	Average	Average	Departur Fram Na	Highest	Date	Lawest	Date	Degree D	90° or Above	Below 32° or	0° or Below	Tatal	Departur Fram Nor	Greotest	Date	Tatal	Max. Dep an Graun	Date	.10 ar Ma	.50 ar Mo	1 00 ar M
IEDMONT DMNEY 3 NNE	35.5 41.7 37.3	14.5 14.5 11.8	25.0 28.1 24.6	- 8.0 - 8.6	61	6	- 6 - 8	16	1114 1026 1126	0	5 2	8 3	1.56 1.32 1.43		•70		12.3 8.0 10.8	4	26-		1	000
ARDENSVILLE R M FARM DIVISION	31.5	11.6	26.2	- 8.2			"	16	1120				1.41			20	12.5				1	Ü

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relati		idity ave	rages -		Numh	er of da	ys with	precipi	tation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 A.M. EST	7:00 A.M. EST	1,00 P.M. EST	7:00 P.M. EST	Trace	6010.	.10–.49	66'-05'	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
CHARLESTON W8 AIRPORT	SW	10	6,6	21++	NW	24+	78	84	62	65	7	6	5	2	0	0	20	-	6,8
ELKINS W8 AIRPORT	NW	11	7.9	29++	SSW	20	81	82	59	68	4	10	5	2	0	0	21	-	7.0
HUNTINGTON W8 AIRPORT	S	14	6.6	29++	SW	20	70	74	58	58	7	8	4	1	0	0	20	-	7.0
PARKERSBURG WB CITY	-	-	7.4	28	NW	20	-	-	-	-	4	4	8	0	0	0	16	47	-

	т т																												ARGINIA ARY 1963
Station	Total	11	2	3	4 5	6	7	8 9		10	11   1	7	- 1	of Mo	nth 15	16 17	18	19	20	21	22	23	24	25	26	27	28	29	30 7 31
ALBRIGHT ALOERSON	2.80	•05	.02	.68	.02	Ü	, ;	0 0		•12	•32	·18	• 20	•02	.0B	10 17	10	.74	.64	•18: •20	4	20	.11	•05	.15	.01	T	23	30   31
ALPENA 1 NW ARBOVALE 2 ATMENS CONCORO COLLEGE	3.64 1.95 1.71	•08 •17 •10	.14	•85 •22 T	т			'		.08 T	.09 .10	• 26 • 68	• 40 • 18 • 07	• 05 T	.15 .28 T	•06		•20 •23 •24	•52 •45	.12	.08		Ť	•07 T	.18	'			
BAYARO BECKLEY V A HOSPITAL BELINGTON BELLEVILLE OAM 20 BELVA	2.99 2.56 3.11 1.51 2.95	.08 .09 .05	T T	.60 .36 .68 .17	Т	T	T T T	T T T T	-	•10 •06 •04	.43 .27 .40	.10	.29 .20 .32 .18	• 03 T • 04 T	•22 •04 •17 T •09	T		T •41 •04	.55 .28 .47 .25	.22 .08 .26 .07	.03 .02 .02	ī	.07	.05 .07 .12	.28 .20 .34 .03	+03 <sup>1</sup>	•03		
BENSON BENS RUN BERNELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELO FAA AIRPORT	1.94 1.37 1.48 4.80 1.80	.16 .05 .01 .28	.18 .25 .80 .10	.20 .25 .03			Т	T T		.07 T	.46 T	.17 .44 .49	.14 .12 .01	.07 .01 .63	т	•05		.72 .79	•22 •02	•10 •54 •06	т		•13 •18 T •05	.03 .09 T	.23				
RLUESTONE OAM BRANCHLANO BRANCONVILLE BRUSHY RUN BUCKEYF	1.60 2.62 2.90 1.02 2.37	.16 .10 .06 .09	T •09 T T •10	•13 •45 •83 T	Т			T T		• 2 Z	•35 •25 T	•24	•10 •17 •16 •21 •15	T T T	T •02 •13	т		.47 .12 T	.25 .65 .75 .48	.04 .22 .17	T T		•09	*06 T	.06 .12 .12	.04	Ť		
* BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY	2.88 2.99 1.85 3.35 4.26	*06 *15 *12 *14 *13	.74 .02 .25 .04	.02 .55 .89	т			Ţ T		*04 T *14 T	.30 .44 .38		06. 22. 30. 81.	•05 T •05 •06 •21	.02 .10			.68 .05 .40 .10	.75 .42 .07	.17 .170	T .20	T	.05 T .32	.05 T T T	•15 •22 •42 •41		·09		
CENTRALIA CHARLESTON W8 AP R CHARLESTON 1 CLARKSRURG 1 CLAY 1	3.27 2.70 2.51 2.47 2.15	.08 .08 .04	.14 .60 .09	.83 T .47	•02		*°1	-04 T T		•03 •13 •19	.43	.28	.23 .01 .09 .05	.06 .21 T .11	.11 T	•02		•27 •93 •37 •90	.46 T .36 .03	•17 •14 •15 •14 •15	T •01	т	·02	*06 *07 *04 *06 *10	•20 •03 •12 •01		Т		
CLENOENIN 1 SW ORY CREEK OUNLOW 5 E ELKINS WB AIRPORT ELLENRORO	2.76 3.49 3.00 2.72 2.05	.08 .14 .18 .02 .10	•03 •01 •37 •67	.98 .64 T .02			.02 .01	T T T	04	•03 •08 •04	•55 •64 •19		.18 .19 .03 .07	.20 .09	.06 .06 T			•10 •56 •74 •48	.68 .37 T	•18 •12 •23 •14 •20	T .01		.05 .12 .08	•02 •06 •21 •09	•16 •29 •21 •05 •09	T	• 02		
FAIRMONT FLAT TOP FRANKLIN 2 NE GARY GASSAWAY	2.41 2.59 1.36 2.06 2.56	.08 .21 .11 .17	•91 •48 T	•11			T	т .	.08	•15	.08 .17	.18 .23 .30 .34	T •25 •23 •09 •05	T •11 T •04	.08			.72 .63 .20 .42 .75	.52 .09	.19 .12 .07	T		•12	•10 •04 T	.21 .13 .11	T •02	т		
GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW HACKER VALLEY MAMLIN	2.68 2.43 D 2.24 3.79 2.83	•14 •30 •09 •11 •05	15 •06 T	.50 .04 .39 1.15				.07 .01	•10	T •06 •46 T	.44 0 .31	.100	.19 .10 .03 .28	.02 .10	.01 .08 .15			.26 .18 .18 .37	.66 .690 .49	.14 .20 .30 .23	T •01	Т	.08	.09 .30 .020 .08	.10 .07 .10 .26		•08		
HARPERS FERRY MARPERS FERRY NAT MONMT HASTINGS HICO MOGSETT GALLIPOLIS OAM	2.08 1.19 2.67 2.33 1.44	T •05 •08 •06 •08	.05 .17 .33	.35 .05 .12 .57			T	•03	.05	T +13	•07 •53 •24 •30	.49 .68 .12 .37	.28 .06 .18 .21	•04 •02 •03	·01	Т		.06 .20 .23	.78 .11 .24 .28	•19 •07 •03	т		T •30	•13 •05 •02	.12 .15	*01 T	•02		
HOPEMONT HORNER MOULT LOCK 15 HUNTINGTON W8 AIRPORT 1AEGER	1.82 2.53 2.11 1.61 3.73	.06 .11 .07	.03 .68 .06	•20	•31		T	*02 T 1		T •08 •22	•33 •35 •21	.14	.11 .02 .25 .01	•12 •03 •01	.06 .01	.04		.02 .79 .51	.27 .42 .01 .20	•21 •20 •09 •05	•03	т	•07 T •09	.05 .09 .10 .08	.10 .20 .05 T	т .	т		
IRELANO JANE LEW KEARNEYSVILLE 1 NW KERMIT KEYSER	3.22 2.38 1.57 2.66	•26	1.02 .50 .05	.07 .35 .38				T 1	ī	.30	.47 T	•07 •11 •45 •48 •3	.03 .02 .16 .08	.25 .03 T	•02			.62 .96 .03	T •53 •69	.25 .02			.12	*02 T	.30 .03				
LAKE LYNN LEWISBURG LOGAN LONDON LOCKS MAOISON	2 • 16 - 2 • 83 2 • 39 2 • 93	T •07 •16 •01 •11	.03 1.00 .02 T	.49 .50 .34 .37	T		т	•02 •01 •02		.13 T	•10 •52 •32	•12 •12 •3 •28 •3	.18 T .11 .22 .12	T • 03 T T	•10 •06 •05 •13			.07 .41 .23	.46 - .30 .55	•22 •13 •12 •18	• 02	-	T _	.07 .06	.12 - .19 .18 .27	- T T	<u>T</u>		
MANNINGTON 1 N MANNINGTON 1 W MARTINSBURG FAA AP MATHIAS MATOAKA	2 • 11 2 • 12 1 • 5 7 1 • 80 2 • 30	+12	.78 .01 .35 .03	•41 •04 •51			Т	T 4	•07	.04 .08 T	•37 •10 T	•1 ° •02 •30 •76 •20	.03 .20	.10 T .02	•03			.38 .75 .83 .49	T .44	•2° •23	T		† •10	T •11 T	T •08	-08	T		
MC MECHEN OAM 13 MC ROSS MIOOLEBOURNE 2 ESE MOOREFIELO MCNEILL MORGANTOWN FAA AIRPORT	1.51 3.62 2.00 1.20 1.62	T •23 •08 •10 •04	.01 .55 .46 .08	.20 T T			т		o 03	•17 •30 •15	•39 •43	•03 •55 •10 •52 •08	.07 .08 .03	•01 •09 T	•03 T			.98 .25 .50 .45	•18	•35 •13 •12			.08 T .20	.06 .10	.09 .32 .03	T I	•02 •02		
MORGANTOWN LOCK AND OAM MT STORM NEW CUMBERLANO NEW MARTINSVILLE OAK HILL	2.25 1.93 1.49 2.09 2.97	•08	•04 T •31 •43 •06	.23		. 34			•08 •07	•13 •06 •10 •05	.06	•12 •20	.14 .28 T T	·01	.05 .03 .01 T	ī		.11 .10 .19	.58 .46 T	•1= •05 •12 •12 •11	•03 T	•33	.06 .01 .31	•12 •01 •06	.07		T •10		
OMPS PARKERSBURG FAA AIRPORT PARKERSBURG W8 CITY //R PARSONS 1 SE PETERSBURG	1.93 1.58 1.51 2.98 1.08	•10	.20	.13			T T		.08 .08	.35 .35 .07	•11 •36	•31 •12 •12 •50 •12	•10 •01 T •06 •23	•02 •02 •14	•05 T			+28	1.17 .05 .10 T	•01 •02 •15	т		.07 .13 .09	.08 .05 .03	•24	Т	T T		
PHILIPPI PICKENS 1 PICOMONT POINT PLEASANT 5 NNE PRINCETON	2.66 4.86 1.56 1.33 1.65	•09	•02 •07 •24		Т			T +03 1		.01 .03 .09	.45 .06	.12	.26 .41 .18 .03	T •08 •01 •01 T	•06 •32 •02	T •05		T •15 •01 •24 •36	.72 .48 .90	.18 .35	•05		T .01 T	*04 *12 T T	•19 •36 T T	·07	Ť		
RAVENSWOOD DAM 22 RENICK 2 S RICHWOOD 1 E RIPLEY ROMNEY 3 NNE	2.84 2.03 1.32	•47 •15 •05 •06	.78 .33 .11	•21 •18 T			Ť	T 1	т	•12 •15	.37	.09 .43 .53 .22 .43	•10 •16 •02 •03	T • 06 • 04 T	T •05 •01	T •05		•55 •57 •51 •70	.49 .38	.06 .05 .01 .15			.03	•06 T •09	T T •13 •04		Т		
ROWLESBURG 1 ST MARYS SMOOT SPENCER SPRUCE KNO8		•10 •19	.36 .04 .04 T	.05 .30 .14	Ť			т .	•25	*18 *21 T	.39 .25 .37	.26 .18 .23 .12	.30 T .07 .07	T •13 •02 •03	•20 T •01 •13	. 05 T	• 20	.48 .12		•30 •11 T •11 •07	T T		.15 .13	T •10 T •02 •14		• 05 T	T T		
STONY RIVER OAM SUMMERSVILLE 3 NE SUTTON RESERVOIR THOMAS VALLEY BENO	3.79 3.85 2.34 3.02 2.40	•19 •10 •07	•02	.28 .69 .70 .68	T T		т	•03 •02 •01		* T •05	• 30 • 20	.33	•21 •22	.200 .04 .05 .06	.50 .08 .01 .25	T		0 .150 .38 .10 .03	•36 •27 •43		* 20 T T	0	.100	.100 .11 .01 .09	•24 •15 •24	Ť	•01		
VALLEY HEAO VANOALIA WAROENSVILLE R M FARM WASHINGTON OAM 19 WEBSTER SPRINGS 1 E	2.93 2.96 1.43 1.23 3.19	•14 •06 •02	•56	.62 .03 .18 .19	T			*02 T *10	•08	.04 .06 .22	• 94 • 40 • 42	• 34 • 32 • 36 • 05 • 24	•37 •04 •15 •12	•03 •10 •01 •06	.15 .01 .01	T	•12		.35 .52 .18 .20	•15 •16 •02	T		.04 .07	•04	.20 .14	T			
WEIRTON WELLSBURG 3 NE WESTON	1.84 1.86 3.25	T	•37 •45 •05	.61					•09 •07	•18 •13 •03	.16	•18 •13 •21	T T • 25	•06 •06 •05	*03 T	т		•12 •17 •07		-18 -18 -19	Т	т	•30 •35 T	.08 .08 .15	T T •19		.10		

# DAILY PRECIPITATION

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WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS	1.37	.0		13 .	•22 •28					T		+06	.05	. 42	.22		•07				.45					•18		.02	•08					
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SAYARO	MIN	23	27		10	19	9 33	31	17	22	2	9 24	17	14	20	4 2		8					0 -		8 3 2 2			5 -	7 4 2 2	1				38.0
BECKLEY V A HOSRITAL	MIN	8	24	5	2	2 1:	5 17	23	3	2		4 29	18	12				3 3						9 2	6 1	6 3		2 -2	1 4	9				35.4
	MIN	25	27	14	8	3 20	20	26	24	21	20						3 -19							7 3 0 -1		6 4			8 4	1				38.6 14.2
BENSON	MIN		33	11	.   8						29				28		6 28 5 <b>-</b> 14						4 1: 5 -1:					5 2						40.3 13.1
RENS RUN	MAX	13	25									42 30				2	9 18						5 - 1			8 3 6 1			1 2					35.9
BERKELEY SRRINGS	MAX	27						41 24		28	27							7 36						7 3				1 3	0 31					37.1
SIRCH RIVER 6 SSW	MAX	31 17	39 21						37 12	34 14								2 28			41 31			30						5				32.7
BLUFFIFLO FAA AIRPORT	MAX	30 26		30 15				49 30	30 17	35 24	30			22														4 3 6 <b>-</b>						36.4 17.9
BLUESTONE DAM	MAX	33 27	33 29	39 23				57 21	52 25	37 22	36 22		40 25	30 19			2 20									3 2			5 34				3	37.4
BRANOONVILLE	MAX MIN	26 10	3 5 22	45 8	18			58	46	18	30		40 19	21			5 10 3 -16			45			10	) 9	36	3:	3 2	9 1					3	31.4
BUCKFYF	MAX MIN	33	35 24	39 17	41	54	57 12	54	45 16	31 13	41		38 21	27 13	29	24		39	47	45	46	44	18		37	4 4 6	5 4	5 2	7 42				3	7.3
BUCKHANNON 2 W	XAM NIM	40	49 35	37 13	4A 9	56 22		49	39	36 12	40	42	30 20	25	27	20	25	38	48	43	45	45	12	32	40	31	3 31		4 4 3				3	7.9
CAIRO 3 S	MAX MIN	41 18	44 34	38 12	47	55	60	50	40 12	32	39	39	32	28	32	23		45	52	39	50	33	25	33	40	39	39	3 -1	3 36					9.1
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CHARLESTON WB AR	MAX	40	51	33	47	57 28	62	47	32	39	45	44	29	30	31	19		43	51	43	26 50	32		40				2 -26						8.0
CHARLESTON 1	MAX	35	41	49	29	49	60	64	47	31	29	39	39	21	15 32	30	22	30		53	31	52	- 2			25								8.5
CLARKSBURG 1	MAX	. 41	47	35	43	16	58	51	17 31	18	28	42	23	22	22	16	24	0 41	14	25	32 48	11	14		3	38	12	. 4	8				1	6.3
OUNLOW 5 E	MAX	36	50	39	47	54	19	55	34	12	28	27	38	16	30	- 4 23		2	18	27	28		- 6	- 4	23								1	4.0
ELKINS WB AIRRORT	MIN	36	35 45	13	13	33 55	31 59	34 48	29	33	31	27 42	19	15	21	14	26	15	28	31	32	8	- 7	2	28	19	9	- 1	29				. 1	0 • 1 8 • 9
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FLAT TOR	MIN	19	33 46	12	10	34 51	25 58	26 47	7	9	2 A 3 9	26 35	19	16	14		- 5		27	32	30	30	- 6	30	38	16	2	- 3	24				1	4 • 7 5 • 5
FRANKLIN 2 NE	MIN	30	23	10	13	18	27	29	12	18	17	27	16			- 2	-12	1	15	28	29		-13	- <sup>32</sup>	23	20	8	- 2	38					4 · 8 3 · 5
GARY	MIN	22	21	22 52	30	19	20	26	16	8	20	26	22	15	18	5	-12	1		37 28	48 28	15	- 9	34	21	15	10							4.4
GASSAWAY	M1N MAX	28	31	21		13	23	23	28	24	25	28	42 25	20	30	32 10	- 3	- 4	8	52	39 34	51 23	0	- 23	43	40 25		- 6						5.6
GLENVILLE 2 NF	MIN	21	34	17	11	24	20	27	15	16	28	32	23	18	34 22	8	-10	-	51 14	29	51 34	10	- 6	- 6	42 30	47 23		- <sup>29</sup>	45 24					6.8
GRAFTON 1 NE	MIN	17	25	17	. 8			24	13				24	30 17		7	20 -10	- 5	6	25	33	9	- 7	- 6	- <sup>41</sup> 5	18	8	- <sup>25</sup>	- 2					7.3
GRANTSVILLE 2 NW	MIN	12	36	12		33				- 1	- '		2,	10	22	,	24 -12	- 1	11	21	32	- /	-11	40 19	38 19	36 15	32 0	25 -12	35 19					.6
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HUNTINGTON WB AIRRORT	MAX	42 26	50 30	31 14	45 12	58 28	63	44	20	22	4.1	4.0	22	20				45	51	39	51	29	15		41		24	32					38	. 4
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KEYSER	MAX	27	42	38	25	40		44	17		36	44	35	33	31	26	27	28	47	50	30	12	36	29		44	25	30	34				33	• 0
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LONDON LOCKS	MAX MIN													26		31		31	46	54	42	50	20	19	44	45	51	25					17	
MA01SON	MAX MIN	32	46	51	30	50	60	61.	/ <sub>0</sub> 0	26					34	30	25	33	46	52	32	53	24	21	42	40	18	27	38				40.	. 5
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STATE OF STA	MICOLEBOUPNE 2 ESE					44											20	27	42	51	40	49	47	15	33	39	34	29	28	35				37.3
## Company of the property of	MOOPEEIELO MCNEILL												48	42	30	33	29	28	43	54	49	54	50	20	37	44	48	44	32	47				42.3
STRICK COMMERCE AND GRAM	MOPGANTOWN FAA AIRPORT																					45		13	31	37	32		25					34.6
Mart CumirPlack   Mart   77   42   77   78   50   50   50   50   50   50   50   5	MORGANTOWN LOCK AND DAM									35 6								. 23			38	47	48	12	30		33	28	24	35				36.9
MAY 10 35 11 9 25 25 11 10 12 15 16 16 16 16 16 16 16 16 16 16 16 16 16	NEW CUMBERLAND																																	35.1
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PAREESBURG HE CITY  MAX -0. 40 & 26 & 26 & 25 & 25 & 26 & 26 & 26 & 26	OAK HILL																											49	20					37.4
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POINT PLEASANT 5 NNE  MAX 40 047 39 40 60 15 73 74 9 60 42 16 10 15 52 24 15 15 10 -2 7 20 31 20 6 -6 -1 12 10 78 2 12 14.5  POINT PLEASANT 5 NNE  MAX 40 047 39 40 60 15 73 74 9 60 42 10 70 12 10 72 80 40 11 20 10 72 80 10 10 72 80 10 10 72 80 10 10 72 80 10 10 72 80 10 10 72 80 10 72 80 10 10 72 80	BICKENS 1																																	
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## PIPLEY    MAX   40   50   37   46   60   64   59   39   33   41   41   51   51   41   51   52   8   28   30   4   -15   -12   26   22   -2   -17   2   11   10   11   10   11   10   10	PAVENSWOOD DAM 22																						5 1 7	_16 _4				37 7						
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ARECVALE 2	NOWF ALL	3,0		4	3	3	2	,	T		т	7	3 0	2.0	5	2.0	5	3	2	3.0	4.0	T 6	6	6	ř S	1.0	T 5	5	3			
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FENSON	SNOWF AL	6	-	-	-	-	-	-	-	-	-	-	2.5	-	2.0		_	-	-	4.0	-	3.0	-	-	1.5	."	1.0	-	_			
ELUE- IELO ' AA AIRPORT	SNOW ALL SN ON GNO	1.0	T 1	T T							Т	Т	6.7	.3	, <b>2</b>	T 7	7	6	5	4.9	T 9	.6	T 8	6	T 4	T 3	2.3	5	3			
BLUESTONE OAM	SNOWF ALL	3.0	3	1	T T	Т				Т		Т	2.0	3.0	T 3	T 3	3	3	1	3.0	T 1	T	T T	Т	Т	T T	1.5	T 2	Т			
BRUSHY RUN	SNOWFALL SN ON GNO	.9	T 1										2.4	2.1	4	4	4	4	3	. 4	3.1 4	3	3	3	2	2	1	1	1			
BURNSVILLE	SNOWFALL SN ON GNO	2.5	5	T 3	2	Т	Т	Т	Т	т	T T	Т	T T	4.0	7 2	2.0	3	3	3	Т	3.0	4.0	2.0	T 4	T T	T	3.0	2	т			
CAMOEN ON GAULEY	SNOWFALL SN ON GNO	4.0	2.0	T 1	T 1	1	1	1					3.0	8.0	2.0	4.0	5	4	2	4.0	1.0	2.0	T 2	2	2	T 2	5.0	3	2			
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FLAT TOP	SNOWFALL SN ON GNO	5	- 2	2	-	1	_ T	- T	- T	- T	Ŧ	_ T	~ T	3	5	<del>-</del> 6	7	-4	3	8	6	7	7	6	6	4	7	7	5			
GLENVILLE 2 NE	SNOWFALL SN ON GNO	1.6	5	. 7	3	1	Т	Т	Т				T T	3.3	. 3	.6 3	2	1	Т	T	1.6	2.0	2	2	Т	. 2	1.8	1	т			
HUNTINGTON WE AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	.6 2 .2	Т							Т	T	. 8	2.3	.1 2 .2	.6 2 .2	.3 2 .2	2 . 2	1	Т	1.1	.1 T	1.7 2 .2	2	T 1	. 2	. 1 T	T	T T	Т			
LEWIS8URG	SNOWFALL SN ON GNO	2.0	-	1	1								4.0	4	.5	5	5	4		7.0 11	-	Ξ	Ξ	-	-	-	-	-	-			
MADISON	SNOWFALL SN ON GNO	1.5											2.0	2.1	3	2.2	2	2	1	1.0	1	2.3	1			Т	3.0	2				
MANNINGTON 1 N	SNOWFALL SN ON GNO	1.0	4	3	2	1	1	1	T T	1.0	T T	Т	2.5	. 5	1.0	3 }	3	Т		3.0	T T	1.0	T 2	2	T 1	T 1	T 1	1	T 1			
MARTINSBURG FAA AIRPORT		1.0	T 1									Т	7.0	7	T 6	5	4	4	3	4.0	4	2	2	2	T 1	Т						
MATHIAS		1.2	1	Т	Т								8.0	7	. 2 6	5	5	4	3	8.5 10	7	7	7	7	T 6	5	5	5	4			
MC ROSS	SNOWFALL SN ON GNO	2.0	3	T 3	3	2	2	Т	Т	T T	T T	T T	5.0	3.0	3.0	7	7	5	3	11.0	6	2.0	7	6	T 6	4	2.0	6	4			
MOOREFIELO MC NEILL	SNOWFALL SN ON GNO	2.0	_	-	-	-	-	- }	-	-	-	-	6.0	-	-	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-			
MORGANTOWN FAA AIRPORT	SNOWFALL SN ON GNO	. 4	3	T 1	Т	Т	Т	T	T T	,6	. 5 1	Т	3.0	T 3	.3	7 2	1	1	1	4.0 T	1.0	1.0	3	3	.5	. 7 1	2	T 2	T 2			
NEW MARTINSVILLE	SNOWFALL SN ON GNO	.9	3	3	3	3	1	Т	Т	.7 1	. 5 1	. 6 2	2.0	T 4	4	T 4	3	3	3	1.9	4	1.2	. 3	3.3	4	4	4	4	3			
OAK HILL	SNOWFALL SN ON GNO	1.0	3	.5	1								2.5	3.0	6	1.0	Ť 5	5	4	5.5	2.0	1.5	.5	3	3	3	3.0	5	4			
PARKERSBURG FAA AIRPORT	SNOWFALL SN ON GNO	1.1	2	1	Т			Т	Т	1.0	T 1	. 4	2.0	T 2	.2	2	2	2	1	. 7	.5	. 1 1	1	1	. 6 1	1 8	1	T 1	Ť			
PARKERSBURG WE CITY	SNOWFALL SN ON GNO	1.0	3	Т	Т	Т	Т	T T	T	1.5 T	. 5	T T	2.2 T	T 2	. 3	2	2	Т	Т	Т	1.3	T 1	1	1		1.0	т	т	T			
PIEOMONT	SNOWFALL SN ON GNO	T 2	1.0	Т	Т	Т					1.0		1.0	2.0	. 1	. 2	2	2	Т	Ţ	7.0	7	7	7	T 7	T 7	T 7	5	3			
ROWLESBURG 1	SNOWFALL SN ON GNO	1.0	6	4	4	3	3	2	Т	Т	2.0	т	T	4.0	T 4	2.0	Ť 6	5	4	1	2.0	5.0	T 6	5	T 4	T 3	2.0	4	T 3			
SPRUCE KNOB	SNOWFALL SN ON GNO	3.0	4	Т								Т	5.0	8	2.0	4.0	14	14	12	3.0	8.0 17	1.0	12	12		4.0 16			T 16			
WEIRTON	SNOWFALL SN ON GNO	T 5	2	T 2	Т	Т	Т	Т	Т		2.5	. 5 T	2.5	T 2	1.5	.5	2	1	Т	T	т	3.0	2	1	5.0	1.7	T 3	2	1.5			
WHEELING WARWOOD DAM 12	SNOWFALL SN ON GNO	T 4	2	1	1	1	т	Т	T		3.0	т	Т	2.0	1.0	T 3	1	1	Т	т	T T	2.0	2	2	1.0	1.0	2	2	T 2			
WHITE SULPHUR SPRINGS	SNOWFALL SN ON GNO		2	1									2.5	1.5	3	2	1	1		6.5	6	2	1					2.3	1			
WINFIELO LOCKS	SNOWFALL SN ON GNO	.5 2											Т	2.5	1	Т	т					2.0	1	1	Т	т	. 5 1					

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STATION	EX NO.	COUNTY	GE	LATITUDE	LONGITUDE	ELEVATION	TI	ME A	ND	OBSERVER	STATION	X NO.	COUNTY	AGE	TUDE	TUDE	NOLL	0.5	TAB	AND	ON	Observation
SIMION	INDE	COUNT	DRAINA	LAT	LONG	ELEVI	TEMP.	PRECIP.	SPECIAL	OBSERVER	SIATION	INDEX	COUNTY	DRAINAG	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL are north	OBSERVER
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE	0102 0143 0249	PRESTON HONROE RANDOLPH POCAHONTAS MERCER	7 2 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	1555 3020 2730	5 P	7A 7A 7A 8A	н	MONONGAHELA POWER CO. RASSIE L. SIMS OMER S. SMITH MRS. METTIE R. SHEETS CONCORD COLLEGE	MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEN DAM 13	5712 5739 5747	BERKELEY BERKELEY HARDY MERCER MARSHALL	7	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 81 15 80 44	535 1625		MID		н	FED. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS
BAYARD BECKLEY V A HOSPITAL BELINGTON BELLEVILLE DAM 20 BELVA	0580 0633 0645	GRANT RALEIGH BARBOUR WOOD NICHOLAS	7 10 8	39 16 37 47 39 02 39 09 38 14	79 22 81 11 79 56 81 45 81 12	2375 2330 1679 600 748	6P	7A 8A 7A 7A 7A	н	HOWARD R. FULK V. A. MOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS RAYMOND E. PHILLIPS	MC ROSS MEADOW BLUFF 2 5 MIDDLEBOURNE 2 ESE MODREFIELD 2 SSE MODREFIELD MCNEILL	5886 5963 6163	GREENBRIER GREENBRIAR TYLER HARDY HAROY	8 9	37 59 37 53 39 29 39 02 39 09	80 45 80 40 80 52 78 58 78 54	2450 750 830	7P	5P 7A 7P 6P		MC	RUSSELL D. AMICK IVED TO SMOOT -B295- JOHN W. CRUMRINE MRS. ZELLA H. VETTER MRS. JOHN W. SAVILLE
BENSON BENS RUN BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT	0687 0710 0844	HARRISON TYLER MORGAN NICHOLAS MERCER	9	39 09 39 28 39 37 38 25 37 18	80 33 61 06 78 14 80 47 81 13	1885	8A 6P 6P	4P 8A 6P 6P ID	н	CLARKSBURG WATER BOARD ROBERT N. HALL H. M. RUPPENTHAL. III SOUTHEASTERN GAS CO. FED. AVIATION AGENCY	MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAH MT STORM NAOMA NEW CUMBERLAND	6212 6293 6362	MONONGALIA MONONGALIA GRANT RALEIGH HANCOCK	6 9	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	2845 1210	79		C	н	FED. AVIATION AGENCY CORPS OF ENGINEERS MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTONE DAM BRANCHLAND BRANDONVILLE BRUSHY RUN BUCKEYE	1075 1083 1204	SUMMERS LINCOLN PRESTON PENDLETON POCAHONTAS	3 2 9	37 39 38 13 39 40 38 50 38 11	60 53 82 12 79 37 79 15 80 08	600 1798 1375	8.8	8A 8 7A 8A 7A 7A	АСН	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAN WALTON	NEW MARTINSVILLE OAK HILL OMPS PARKERSBURG FAA AIRPORT # PARKERSBURG WB CITY	6591 6674 6849	WETZEL FAYETTE MORGAN WOOD WOOD	7 9 8	39 39 37 58 39 30 39 21 39 16	8D 52 81 09 78 17 81 26 81 34	950 837	6P 7A MID MID	7A MID		н	DR. Z. W. ANKROM MILES H. MARTIN MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. WEATHER BUREAU
BUCKMANNON 2 W BURNSVILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY	1282 1328 1363	UPSHUR BRAXTON RICHIE WEBSTER TUCKER	5 5 4	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	680	6P	6P 7A 7A 6A 6P	н	DR. ARTHUR B. GOULD JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON	PARSONS 1 SE PETERSBURG PHIL1PPI PICKENS 1 PIEDMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANDOLPH MINERAL	10	39 06 39 00 39 09 38 40 39 29	79 4D 79 D7 80 02 80 13 79 02	1281	6P 7P	5P 7A 7A 7A 8A		н	FERNOW EXP. FOREST MR5. BE55 S. MOHL MR5. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER, JR.
CENTRALIA CHARLESTON WB AP CHARLESTON 1 CLARKSBURG I CLAY 1	1570 1575	BRAXTON KANAWHA KANAWHA HARRISON CLAY	4 6	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	MID M 9A HID M	8A 1D   9A 1D M11 7A		HRS. CLARA F. MOLDEN U.S. WEATHER BUREAU W. VA. MATER SVC. CO. HENRY R. GAY MRS. SARAH B. FRANKFORT	PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSHOOD DAM 22 RENICK 2 5	7112 7207 7352	WYOMING HASON MERCER JACKSON GREENBRIER	8 7 8	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	2410	5 P	7A 5P 7A 7A 8A			JAMES G. MC DERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIN
CLENDENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	5 2	38 29 36 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	3120	7A	8A 7A 7A	C H	KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL	RICHWOOD 1 E RIPLEY ROMNEY 3 NNE ROMLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSON HAHPSHIRE PRESTON PLEASANTS	9 2	38 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 61 12	64D		6P 5P 5P 7A 5P		н	HUGH D. WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN H. INCRAM
DUNLOW 5 E ELKINS WB AIRPORT ELLENBORO FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANDOLPH RITCHIE MARION MERCER	10 5 6	38 20 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	805	MID M	7A 1D		KELLY BROWNING  10. S. WEATHER BUREAU MRS. RUBY L. GORPELL (CITY FILTRATION PLANT FRED E. BOWLING	SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG SMITHBURG 2 SMITHVILLE	7869 8274 8278	HARRISON HARRISON DODDRIDGE DODDRIDGE RITCHIE	6 8	39 18 39 17 39 17 39 17 39 04	80 35 80 36 80 44 80 44 81 05	1120 795 818		BA 7A	0		CLDSED 7-1-62 CLOSED 7-1-62 HOPE NATURAL GAS CO. MRS ANNABELLE CHILDERS HOPE NATURAL GAS CO.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3238 3353 3361	PENDLETON LEWIS MC DOWELL BRAXTON GILMER	1 4	38 39 39 06 37 22 38 40 38 57	79 18 80 31 81 33 80 46 80 49		6A 6P	7A 8A 6P 7A	CCC	GEDRGE O. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. HATER SVC. CO. DICK W. BEALL	SPENCER SPRINGFIELD 1 N SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HAMPSHIRE PENDLETON GRANT NICHOLAS	9 9	38 48 39 26 38 41 39 08 38 18	81 21 78 42 79 31 79 18 80 48		6P 8A	8A 8A 7A		Н	W. VA. WATER SVC. CO. HARRY L. GRACE HARRY J. GORDDN FRED C. BECKER CHARLES F. GUM
GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEGSTER BARBOUR	5 3 4	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07		8A	5P 8A 7A	c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. HOORE HAS. LELA M. CARTER HRS.OPAL R. JACKSON	SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	2 2 4	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02			7A 7A	7A C		CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS
HAMLIN HARPERS FERRY MARPERS FERRY NAT MONMT HASTINGS HICO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE	9 9 8	38 17 39 19 39 19 39 33 36 07	82 06 77 44 77 44 80 40 81 00	760	5 P	8A 7A 5P 3P 7A		W. VA. WATER SVC. CO. HISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILDRED E CRIST	UNION VALLEY BEND VALLEY HEAD VANDALIA WARDENSVILLE R M FARM	9068 9086 9104	MONROE RANDOLPH RANDOLPH LEWIS HAROY	10 10 6	37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 D2 80 24 78 35	1120		7A 7A 7A 6P 9A	C 9A		MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS DAM HOPEMONT HORNER HOULT LOCK 15 HUNDRED	4264 4281 4309	MASON PRESTON LEWIS MARION WETZEL	11 6	38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 05 80 27	570 2490 1075 878 1034	5 P	7A 7/ 7A 4P 2M	c c	CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS MFGRS. LT. + HT. CO.	WASHINGTON DAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOD WEBSTER HANCOCK BROOKE LEWIS	8 8	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	1040	6P	7A 7A 6P 6P 7A	10		CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HENRY, JR.
# HUNTINGTON FED BLDG HUNTINGTON WB AIRPORT IAEGER IRELAND JANE LEW	4393 4408 4478	CABELL CABELL MC DOWELL LEWIS LEWIS	8 1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1040			Н	CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY MINGO MINGO	4	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	8A 5P 8A	7A 7A 8A 8A 7A		Н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. NRS. WILMA E. ROBERTS
KEARNEYSVILLE I NW KERHIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	1 9 1 D	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	930	5P 5P	5P 7A 5P 5P 7A	С	UNIVERSITY EXP. STA. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUPT. WEST PENN POWER CO.	WINFIELD LOCKS	9683	PUTNAM	4	38 32	81 55	571	7A	7A		Н	CORPS OF ENGINEERS
LEWISBURG LINDSIDE LIVERPOOL LOCKNEY LDGAN	5284 5323 5341	GREENBRIER MONROE JACKSON GILMER LOGAN	7 8 5	37 48 37 27 38 54 38 51 37 51	80 26 80 40 81 32 80 58 82 00		5 P 8 A	5 P 8 A	C C C	HUGH A. SCOTT LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSHALL	NEW STATION	8295	GREENBRIER	4	37 52	60 41	2500		7A			Z3NOL 9 NHOL
LONDON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MARLINTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	6	36 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 05	975 995	8 A 6 P	7A 8A 6P 7A	H H	CORPS DF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST CECIL A. CURRY												

\$ 1-81G SANDY; 2-CHEAT, 3-GUYANDOT, 4-KANAWA, 5-LITTLE KANAWA, 6-MONONGAHELA, 7-NEW; 8-OHID, 9-POTOMAC, 10-TYGART, 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information rugarding the climate of West Virginia may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near year.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Delayed data and corructions will be carried only in the June and December issues of this bullutin,

Monthly and seasonal snowfall and heating dugree days for thu 12 months ending with the preceding June data will be carried in the July issuu of this bullutin.

Stations appearing in the Index, but for which data are not listed in the tables, eithur are missing or were received tou late to be included in this issue,

Divisions, as usud in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of averagu daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremos of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow oo Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table,
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no eatry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

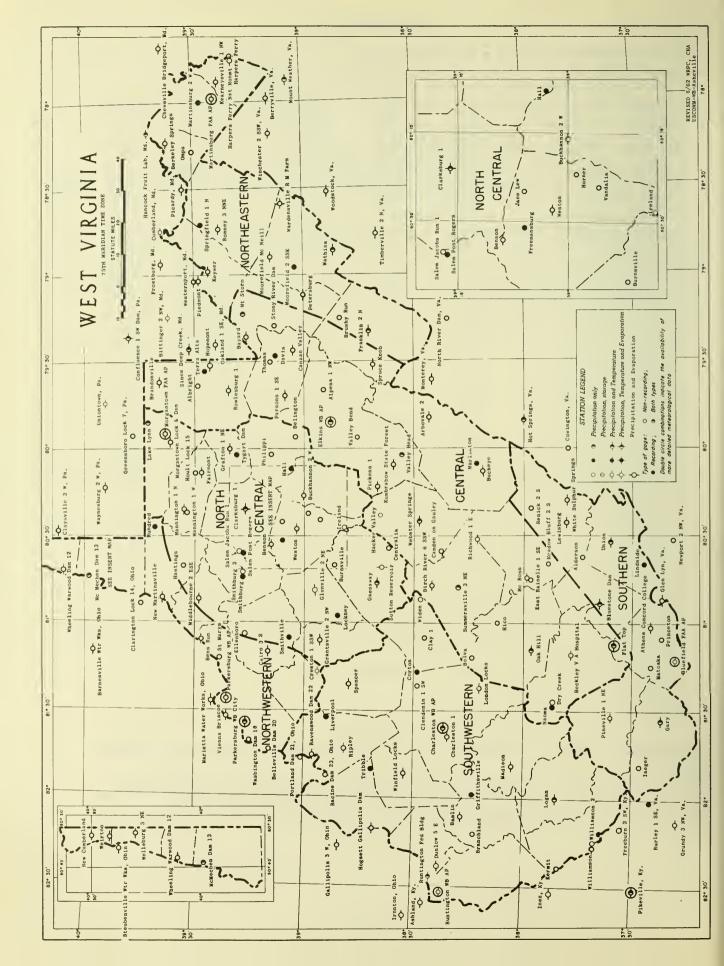
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments,
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This ectry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This ectry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau statioos may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 4/25/63 --- 725



NWE

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

WEST VIRGINIA

MARCH 1963 Volume 71 No. 3



THE LIBRARY OF THE MAY 22 1963
UNIVERSITY OF ILLINOIS

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 86° on the 31st at Williamson

Lowest Temperature: 7° on the 23d at Pickens 1

Greatest Total Precipitation: 11.53 inches at Pickens 1

Least Total Precipitation: 3.65 inches at Harpers Ferry

Greatest One-Day Precipitation: 3.83 inches on the 4th at Parkersburg FAA Airport

Greatest Reported Total Snowfall: 33.5 inches at Pickens 1

Greatest Reported Depth of Snow on Ground: 40 inches on the 1st at Alpena 1 NW

#### SPECIAL WEATHER SUMMARY

This month was much above average as to precipitation with the greatest departure apparently in the Parkersburg Greenbrier Rivers flooded while the Ohio River flooded a area as it had the wettest March of history by 2.82 inches. second time. Seven lives were lost due to flooding. The State with very little exception experienced flooding with three separate periods of severe flooding. The first flood period began on March 5 and was most severe in the Little Kanawha basin and put the Ohio River to flood. The worst flooding of the second period, which began March 12, occurred in the Guyandotte and Big Sandy River basins. The third flood period began March 17

when the Guyandotte, Tug, Monongahela, West Fork, and

Horace C. Dwelle Weather Bureau State Climatologist Box 986 Parkersburg, West Virginia

THE TO YEAR STO THE 190 F. ADM. 

				Tem	perat	ure				_							Preci	pitatian		_	-		
										1	ło. o	Day						Sno	w, Sleet		1	lo. of	Days
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Dote	Degree Days	90° or Aberre	8 2	32° or Bolow	2.2	Total	Departure From Normal	Greatest Day	Date	Tatal	Max Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN																							
CAIRO 3 S CRESTON 1 SSW NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY WEIRTON WELLSBURG 3 NE WHEELING WARWOOO OAM 12	58.3 56.6 54.3 53.6 57.0 57.6 54.9 54.1	33.1 28.5 32.3 32.6 36.3 36.6 34.2 31.6 32.5	45.7 42.6 43.3 43.1 46.7 47.1 44.6 42.9 42.1	3.0 0.7 3.4 0.8 4.4 2.8 2.9	83 82 79 79 81 82 78 80 78	29 29 29 28 29 29 29 29 30	19 19 19 21 23 24 21 18 22	3 3 15+ 21 15 23 15 3	593 689 664 670 562 549 626 678 700	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	25 17 17 13 11 16 18	0 0 0 0 0 0 0	8.85 8.40 5.79 5.45 9.39 9.77 6.51 6.37 7.06	4.82 4.21 2.35 1.61 6.24 2.65 3.50	1.53 1.87 1.67 1.61 3.83 3.31 1.91 1.40 2.45	5 4 4 4 4 4	.5 .8 .4 1.3 .1 3.1	1 3 1 1 7 2 1 2	21 1 24 21 224 24 24	12	8 5 4 3 4 5 4 5 5	1 2 3
DIVISION			44.2	2.9										7.51	3.78			.8					
NORTH CENTRAL																							
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE MANNINGTON 1 N MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT WESTON	59.3 58.6 57.7 56.2 61.6 57.7 56.2 58.6 57.4 56.2 56.9	30.8 31.3 31.1 35.5 33.2 30.2 31.2 29.5 32.7 35.3 32.8 31.3	45.1 45.0 44.4 45.9 47.4 44.0 43.7 44.1 45.1 45.8 44.9	3.6 3.8 4.6 4.7 0.0 2.3 3.4	80 79 80 83 83 82 78 81 80 80	30+ 29 29 29 30 31 29 29 29 29 29	18 16 19 23 19 18 17 12 20 22 20 21	23 3 15 3 23+ 15 3 15 23+	611 613 633 585 537 648 653 644 612 589 617 633	00000000000	1 0 0 0 0 1 0 0 0	19 21 14 14 20 20 23 15	00000000000	9.58 8.74 8.89 8.21 7.05 7.77 8.68 7.07 7.71 6.55 6.76 9.40	5.39 4.20 5.49 4.54 3.39 4.51 2.92 4.11 3.02 4.78	2 · 30 2 · 51 2 · 85 2 · 44 1 · 25 1 · 56 2 · 28 1 · 33 1 · 55 1 · 75 1 · 84 2 · 80	19 4 19 5 5 19 5 4 5	4.0 5.0 1.5 2.5 2.9 1.6 2.5 2.0 1.0 2.8 T	1 1 7 2 2 2 7	22 22 21 21 21	11 11 13 10 16 11 12	7 655 665 65445	2 2 2 2 4 2 3 2 3 2 3 2 3
OIVISION			45.0	3 • 2										8.03	3.97			2 • 3					
SOUTHWESTERN		20.2	40.5	6 1		20	21	22	476	0	_			. 27	2 02	1 60	,,		7	22			2
CHARLESTON WB AP R CHARLESTON 1 DUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON WB AIRPORT LOGAN LONGON LOCKS MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WILLIAMSON WINFIELO LOCKS	60.6 60.2 63.2 60.9 59.2M 61.8 61.0 61.0 61.0 61.0 61.5 61.5	39.8 34.8M	49.5 47.9 51.1 46.8 46.5M 50.8 48.0M 47.6 47.7 48.6 47.7 48.6 49.5M 49.5M	5 • 1 5 • 5 4 • 1 3 • 5	82 83 83 80 84 83 81 78 81 86 81	29 30 29 30 30 29 31 30 29 30+ 29 29 31 30	21 22 22 19 21 24 23 22 19 21 13 20 23 22	3 6 23 3	476 434 555 559 438 522 593 526 557 508 478 558	00000000000000	00000000000000	11 8 14 14 14 14 14 11 16 9	0 0 0 0 0 0 0 0 0 0	6.37 6.12 7.56 6.50 7.95 7.54 7.65 6.74 6.81 7.53 8.09 8.22 7.61 8.61 7.48	2.03 2.00 3.77 3.38 3.06 4.44 3.46 4.05 3.46	1.50 1.35 1.35 1.62 1.80 1.95 3.03 1.88 2.09 1.46 1.75 1.28 1.51 3.70	12 11 12 5 11 12 12 12 19 5 19 5	2.55 .44 .00 .00 1.00 3.00 2.00	† 0 1 0 T	21 22 22 21 22	10 11 10 9	5 4 6 5 7 6 4	334343233244424
DIVISION			48.1	4.2										7.39	3.20			. 8					
CENTRAL																							
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BIRCH RIVER 6 SSW BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO 1 E ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	51.5 51.4 59.4 59.3 51.0 56.7 54.7 52.6 57.9 57.1 56.5 53.5 53.5 53.9 50.2 61.8	26.8 26.8 32.8 29.8 29.0 28.1 27.7 29.3 32.1 29.0 30.0 32.2 31.0 29.5 26.0M 31.1	39.2 39.1 46.1 40.0 42.4 40.8 44.0 44.7 43.8 44.0 44.7 43.8 44.0 44.7 43.8 41.5 40.0 44.7 43.8 41.5	3.7 5.2	80 73	30 30 31 30 30+ 30+ 30+ 30+ 30 29 31 29 31 30+	14 18 15 9 16 16 7 8 17	23 3 15+ 3 15+ 3 23 15 23	793 794 578 764 696 808 706 693 743 649 623 722 722 769 665 747	0 0 0 0 0	3 2 2 1 1 0 2 0 0	25 13 19 21 22 23 23 15 22 19 14 17 20	000000000000000000000000000000000000000	6.63 9.08 11.53 10.81 7.10	2.97 5.60 3.12	2.25 2.50 2.99 1.29 1.86 3.16 2.17 2.94 2.22 1.97 1.61 2.07 1.99 2.06	5 12 19 5 12 19 19 11 5 12 12 19 20	11.00 13.0 3.5 8.00 26.00 9.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 6.00	100 244 55 51 12 54 46 16	1 22 1 1 1 1 22 22 1 22 22 22 22 22 22 2	10 15	6 6 4 7 5 6 10 7 5 4	3 3 3
DIVISION			42.0	3.8										8.41	3.66			11.7					!
SOUTHERN																							
BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY LEWISBURG PINEVILLE UNION WHITE SULPHUR SPRINGS	56.9 57.3 60.2 60.1M 59.0 56.7 60.5	37.2 32.1 32.1 30.7M 31.0 29.9 31.2	47.1 44.7 46.2 45.4M 45.0 43.3 45.9	3.2 2.6 4.4	81 83 79 83	30+ 31 31 30 31 31 30	21 20 17 20	23 24+ 15+ 24+ 15+ 3	613	0 0 0 0	0 0 0	12 16 15 19 20 17	0 0 0	8.30 9.26 6.16	2.15 2.53 3.12	1.42 3.31 2.66 2.00 3.52 2.92 3.29	12 12 11 12 12	1.0 T	T 2	21 23	10	4	2 5 3 2
DIVISION			45.4	3.2										7.18	3.27			1.1					
NORTHEASTERN  BERKELEY SPRINGS	54.0	21 /	42.1		70	20.	20	1.6	471		_	1.0		5.36			6		,	1.1	,.	,	
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL PETERSBURG PIEDMONT	54.8 57.3 58.9 52.6 54.5 55.7 59.3 59.2 53.2	31.4 31.4 34.0 32.8 32.7 30.2 30.9 34.6 34.1	43.1 44.4 46.5 42.7 43.6 43.0 45.1 46.9 43.7	0 • 4 2 • 3 4 • 4 3 • 4	80 81 79 80 80 80	30+ 30 25+ 26 25 30 30+ 30	19 24 24 24 17 11	3 3 15+ 15	569 681 655 674 609 556	0 0 0 0 0 0	0 0 0 0 0 0 0	18	0 0 0 0 0 0	4.38 4.82 4.95 5.04 6.41 6.09	1.61 1.69 3.58 3.77	1.10 1.18 1.66 1.65 1.82	12 16 20 19 19 19	4.9 11.5 3.7 3.5 5.1 11.0 6.0 8.0	5 4 3 7	12	111 8 9 10 111 8	3 4 4 4 5 5	1 1 2

See Reference Notes Following Station Index

# CLIMATOLOGICAL DATA

WEST VIRGINIA MARCH 1963

SN		

				Ten	npera	ure										Preci	pitatian					
					1					No	o. of D	oys					Sno	w, Sleet		1	Vo. of	f Days
Station	Average	Average	Average	Deporture From Normal	Highest	Date	Lowest	Date	Degree Doys	Above Wo	b > 6	Min.	Total	Deporture From Normol	Greatest Doy	Date	Total	Max. Depth on Ground	Date	.10 ar Mare	.50 or Mare	1.00 ar More
ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION	58.3 54.9	31.1 30.5	44.7 42.7 44.2	2.6	82	30 31	17 19		621 686		0 1						6.0 6.0	6	11 12	12		2 2

			-										Day	of Month	1												MARCH	
Station	Total	-	-	3 ]	4 5	6	7	8	9	10	11	12		14 15	16	17	18	-		21	22	23 2	1 2	5 28	27		29 30	31
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2	8.T0 5.85 10.12 6.91	•04	.46	.03	2.26 .10 1.40 .38	.44 .52 .65	•35 •13	Ţ	Ť	•15 •10 T		.94 2.21 1.40 2.25	.04			.94 1.66 1.38 1.03		.28 .10	1.76 .62 2.95 1.57	.16 .28	.16	.04	П		.27 .07 .32	•02		•14
BAYARO BECKLEY V A HO5P1TAL BEL1NGTON	7.59 8.59		.72 .31	T	2.50 .48 1.70	.56 .83	.19	T T	T	•30 T •22	т	2.99				.87 1.80		.27	.57	.08	•25 •11 •17	.05		т	.15	T		.10
BELLEVILLE OAH 20 BELVA BENSON	8.97 7.00 9.58	.06 T	.93 .35 .27		2.67	.53 .53 2.30	.05	•02		•12 •10 •15	Ť •42	.46 1.91 .70			•26	1.24		. 46	2.12	.12 .23 .42	.01 .06	• • • •		.14	.18 .27 .15		+12	Ť
BERKELEY SPRINGS BIRCH RIVER 6 55W BLUEFIELD FAA AIRPORT	5.36 6.78 5.74	.57	• 27		.45 .66 .10 .86 T .72	-61 -96 -42		т		-01 T	.38 .95 1.35	.49 .61 .98			.08 .68	• 25	.02	.65 1.29	•44 •12	.01	T •16			• 21 • 19 • 11	•0»		.01	Т
BLUESTONE OAH BRANCHLANO	7.30 6.81	·05	•23 •44		.26 1.11	•72	T	т		T +04	T	3.31	•02	т т		1.66	.08	•22 •25	•48 •91	.10	.06	Ť		T	•16 •28			•01
BRANDONVILLE BRUSHY RUN BUCKEYE BUCKMANNON 2 W	7.39 9.88 8.82 8.74	T •04	•92 •33 •58	ł	1.86 .43 .25 .57 1.42	.33 .36 .70	.13 .06	т		.26 .08 .05	e 1	.60 1.56 3.16	·05		•31	.94 .71 1.67		.32 .27	1.42 1.75 1.10	•20 T •20	•18 T •12	Т		•12	.16 .52 .07	т	.19	T 1
SURNSVILLE	8.54	Т	•19 •45		1.70	.37 .28	.08			•20	•50	1.90			.72	1.40		1.53	.47	.35	.10			.25	•22		.08	. 1
AMDEN ON GAULEY ANAAN VALLEY ENTRALIA	7.23 10.26 7.49	.02 .34 .04	•50 •47	-01	.17 1.47 1.20	•70 •70 •43	.14 T	T		.05 .35 .16	•57	1.83 .87 1.24	T	Т .	•25	1.18		2.17	1.01 .37 1.64	.32 .83	.26 .27 .12	• 02 T		.47	•40		.05	. 0
CMARLESTON WB AP R CMARLESTON 1 CLARKSBURG 1	6.37	.01	.38 .03	,	.51 .61 1.05 .85 .25	.33	T •01		.01	•09 •02 •09	1.50 .13	1.35		Т	1.26	1.29		.80 2.31	.36	.06	T •03			•22	.20		•15	. 1
LAY 1 LENDENIN 1 SW RESTON 1 SSW	6.90 7.62 8.40	•02 T	•44 •51 •65		.90 1.19 1.87	•51 •32 •45	.02			.18		1.36	•02			1.22 1.32 1.34		.40	1.32 1.72 1.62	.27 .22 .33	.05 .05	T			.29		т	.0 .0
DRY CREEK DUNLOW 5 E ELKINS WB AIRPORT	7.94 7.56 8.85		•36 •05		.05 1.28		•03	•01 T	T T	•01 •05	.02 1.35	1.30		т	.86		•03 T	.45 .44 2.94	.64 .16	•15 •05 •11	.08 .02	.02		.16 .43	.35		T •12	.0
LLENBORO AIRHONT	8.87	.04	•96 T		.54 .70 2.97 .44 .20	•46 •42 •40	.02 .05 T	т	•08	.05	.66	•02 •46 T	T		•62	.85 .15			1.93	.06	.09 T	Т		. 21	•33		•14	•1
LAT TOP RANKLIN 2 NE ARY	8.61 9.46 6.36		•08 •27 •17	т	.04 .91 .33 .51	.44 .31 .88	•02		•03		T	.82 1.84 2.66	T			1.20 .55 1.93		.05	.08 1.700	.02	.03	T		.11	.03 .22 T			• 0
ASSAWAY LENVILLE 2 NE GRAFTON 1 NE	7.05 7.77	.02	.14 .61	т	.16 1.19 1.56	•50	•02			.05 .07	. 83	.60 1.44			.04	1.07		1 • 25 • 53	.42 1.44	•19 •15	.04	•03		.16	•05 •17		.35	•2
ACKER VALLEY MAMLIN MARPERS FERRY	7.88 6.50 3.65	•03 •03	•48 •45 •18	Т	1.27 1.06 .68	•58 •43 •45	.12 T			.12 T	. 05 T	1.25	т			1.20 1.37 .38		•14 •77 •01	1.56 .20 .80	•35 •11 •02	. 23 T	•09			.43 .30	Т		*0 *1 T
MARPERS FERRY NAT HONMT MASTING5	8.10 6.51	•71	•02		.06 .63	•60	.03	т		•17	•27	.70	•03		.17	•75		1.32 .35	.35	•05	.02			• 05 • 21	·12		T ∗17	.0
OGSETT GALLIPOLIS DAM OPEMONT ORNER	7.95 6.30 8.72	T 1	•43		.45 1.80 1.97 .80 1.37	•65 •35 •41	.03 .03 .11	•02		•02 •12 •08 •15		2.16 1.48 .73			• 32	1.04 1.72 .64		.08	.85 1.73	.07 .06	.01	T			•21 •11		.21	• 1
OULT LOCK 15 UNTINGTON W8 AIRPORT	7.36 7.54	т	•60	ł	2.08	•32 •15	.10 T		т	+10	1.95	. 9 5	•05	т	1.63	.88	.02	.10 1.26	2.13	•10 •02	.05 .01			•16	.15		•37	.1
AEGER RELAND ANE LEW	6.97 7.73 8.63		•32 •06 •24		1.09 .60 .14 .68 1.75	•92		-10		.05 .10	•10 •70 •58	2.80 .72 .64			•59		.03	1.53 2.05	.20 .45	.05 .15	.10 .05			•15 •13	.01 .06		•23 •16	
EARNEYSVILLE 1 NW ERHIT AKE LYNN		•02	•34 •62 •90	•02	.81 1.14 1.83	•57 •61 •34	•20			.21	2.47	1.08	•03 T			.39 1.16 .61		.14	1.55	.02 .04 .12	• 05	•03			•23 •33 •20			. 3
.EW15BURG LOGAN LONDON LOCKS	8.30 7.65 6.74	1 • 27 T	.35	т	.07 .97	1.00 .64	•07			1.00 T		3.03		Т	•5!	1.23		•66 •25	.12 .83	.04 .03	•12 •03	т.		•12	•05 •18			T .0
HADISON MANNINGTON 1 N HANNINGTON 1 W	6.81 7.0 8.18	•82 •08	.38	T 1	1.04 .00 1.08 2.12	.49 .32	T T .08	Ť	•02	•03	.20	2.09	•05 •01		•05	1.16	т	1.33	.72 .83 2.40	.08 .23	.13 .02	•02	n	.10	•22 •05 •22		.07	T .0
MARTINSBURG FAA AP	5.04	.08	.30	ĸ	.62 .38 .01 .37	.50				•06 T		• 08	*01 T		•21	•31		1.66	.03	.10	т			.18	.03		•01 T	
MATOAKA MC MECHEN DAH 13 MC ROSS MIDDLEBOURNE 2 ESE	6.80 6.72 8.36 7.71	*08	•83 •26	К	.46 2.61 .35 .57 .90 1.55	.91 .49 .91	.02 .03 T	•01 T	т	•28 •09	1.20	2.7 .21 1.61	T •08		.44		•1	.06 .15 .80	.17 .86 .40	.09 .15 .63	.04 .18			•19 •21	•23 •20 •05		•08	.3 T
MOOREFIELD MCNEILL MORGANTOWN FAA AIRPORT	6.41	•36 1•06	•04	1	.28 1.24 .75 .11	•55 •19	т.	•01	.16	•03 •07	•60 •29	. 85 T	.04		•19	.25		1.65	•20	.15	•03			•25 •16	т		+20	
MORGANTOWN LOCK AND DAM IT STORM IEW CUMBERLAND	6.76 8.86 5.79	T	•91 •65 •14	•02 T	1.84 2.34 .67 .40	•39 •58 •59	.13 .18 .02	T T	.40	•24 •17 •09		.32 1.53	.02		Ŧ	.88 .68 .19		•10 •12 •40	1.43 2.14 .50	•12 •12 •15	.03	T 01	Ų.	. 34	•17 •21 •13	Т	•05	•1 •0
EW MARTINSVILLE AK HILL MPS	5.45 6.63 5.75		•27 •56	1	.61 T .41 1.10	T •68 •49	T •22	•02		•28 •05		.20 2.07 .99			.04	1.09 .48		1.25	.40 .72 1.34	.04 .23	.06 .28	.06		.24	• 25		.18	
ARKERSBURG FAA AIRPORT ARKERSBURG WB C1TY //R ARSONS 1 SE	9.39 9.77 9.08		•40		.83 .16 .31 .25	•40 •33	·01	ī	.10	.02 .02		•01	T	T	1.0	.02			•17 •14	.01 .01		T		•18 •17	.01		.08 .09	
PETERSBURG PHILIPPI PICKENS 1	6.09 8.82 11.53	T •04	•60 •66 •79	T •05	.62 2.50 1.24	•43 •36 •51	•22 •18 •34	T T	T T	•22 •18	т	1.72 1.15 2.03	Т	т т	"	•51 •76 1•45		•21 •07	1.82 1.90 2.06	•33	.13	•01			•17 •26 •71	T		.1
PIEDMONT PINEVILLE POINT PLEASANT 5 NNE	7.13 9.26 7.53		• 74		•61	•48 •82	.03			· 03		3.52	•03			2.13	.38	.06	1.02	.08	. 06			14	•32 •15		.08	3 T
PRINCETON RAVENSWOOD DAM 22 RENICK 2 S	6.00 8.09 8.29	.04	•20 •12 •92 •36	Т	.62 .96 .27 1.75 .27	•27 •69 •47 •89	•01 •06			.03 .08	T	.35 2.43 1.03 3.63	•02		1.0	1.83 1.48 1.27	.07	• 40	.44 .21 1.52	.02 .13	•02	Т		.16	.03 .22 .15	т	*06	
RICHWOOD 1 E	8.22	+58	.20	1	•10 •53 •02 •73	•83 •55	T •05	Т	т	, т	1.19	2 . 33	• 02		1.1	5 •52		1.15	.05	.37	.07		.07	. 25	.08	-		- 0
OMNEY 3 NNE OWLESBURG 1 T MARYS	6.25 10.81 9.03	.10	• 28 • 95 • 24	Т	.32 1.20 3.05 .96 2.19	•55 •45 •35	*35 T	T	т	•02 •23 •05	T	.75 1.30 .15	T		.4	• 90		1.15 .05 1.42	2.20 .43	.01 .35	*25 T	Т		.14	.06 .40	т	.03	
SMOOT SPENCER SPRUCE KNOB	7.81 7.61 7.10		.43	т	.19 1.51 .65	.83 .46 .45	T •10	т		•05 •08		3.60 1.22 1.70				1.70 1.43 1.01		.20	1.09	- 31	.03 .03	т			.19 .18			- 1
STONY RIVER DAH SUMMERSVILLE 3 NE SUTTON RESERVOIR	0 9.26 7.22 6.89	т	•77 •41	T .	2.04 .68	•74 •63	T .11	15 T		•10		1.27	-01	Т		1.44		• 08 • 26	1.05	.30 .29	•17 •03	•10			.44 .41	т		
THOMAS UNION VALLEY BEND	11.42 6.16 7.79	Ť	.41 .83 .11	т	2.28 .26 1.12	•37 •46 •65 •28	•11 •53	•03 T	•02		•10	1.26 1.56 2.92 1.02	•01		1	1.08 1.03 1.43 1.26	•06	.04	1.43 2.74 .40 2.38	.59 .03	.32	. 04			•52 •07			
VANDALIA	8 • 85	T •43	•58 •15		.79	•62	•12	Ť	Т	•15	T •64	.88			.3	1.16		1.78	.38	•54	.33	.07		.21	•47 •14		•33	
VARDENSVILLE R H FARM VASMINGTON DAM 19 VEBSTER SPRINGS 1 E VEIRTON	5.77 9.87 7.88 6.51	•11	•45 •97 •43	т ,	.96 3.65 .97	•43 •63 •66	•16 •14 •03	T •01	.40	.03 .11 .18	.04	1.22 .53 1.53	.03		,	1.09 1.02 .20		.20	1.70 2.11 1.53	•11 •40	.02 .03	•01 •12		• 27	•21 •12 •58 •15		.03	. (
WELLSBURG 3 NE	6.37	•56 •02	•27		-40 -82	463	т	T	.25	.06 .12	•22	1.41	•05		•0	.84		.64 .17	.48	.09	T •16	•03		.29	•14 •21		.16	.1
WHEELING WARWOOD DAM 12	7.06	•17	•79	1	2.45	•48	T	•02		•28		- 20	.04			•55		•17	1.00	•07	•06	Т			•35	•01		• 3

# DAILY PRECIPITATION

WEST VIRGINIA

Continued																																
Station	fal													Day	of N	<b>l</b> onth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WHITE SULPHUR SPRINGS WIDEN	7.12 7.52		• 29 • 40			.21 .87					.11		3.29	•06				1.51		*19 *10	1.95			•03	3			•23 •38				.03:
WILLIAMSON WILLIAMSON 2	8.61 7.92		.21			.80 .80	•85 •82						3.70				-11	1.80	т		.79						Т	•23 •20				:
WINFIELO LOCKS	7.48	T	.57	,		1.54	• 32				•04			•01				1.44		-18	1.07	-17	.02					.21				·15 ·

# EVAPORATION AND WIND

Station																	Day c	of mo	nth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
SUTTON RESERVOIR	EVAP		- 76	- 44	- 28	- 39	- 75	- 175	92	- 91	- 141	- 132	- 152	- 70	130	103	- 73	- 45	137	- 49	- 82	_ 184	_ 127	- 77	- 86	- 98	62	_ 102	. <del>-</del> 65			.13 57	2724
WAROENSVILLE R M FARM	EVAP	-	-	-	-	-	-	-	-	-	<u>-</u>	-	-	-	=	-	-	-	.30 167	.16 44		.10 176				.16		.12 60			.17 29	.16 49	-

# SUPPLEMENTAL DATA

	Wind	direction	Wind speed m. p. h.				Relat	Number of days with precipitation								inset			
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 A.M. EST	7,00 A.M. EST	1,00 P.M. EST	7,00 P.M. EST	Trace	9010.	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
CHARLESTON W8 AIRPORT	WSW	15	8.7	30++	SW	6	73	76	55	55	5	5	4	2	3	0	19	-	7.2
ELKINS W8 AIRPORT	WNW	11	9.4	40++	WNW	20+	85	88	60	64	3	5	7	4	1	1	21	-	7.6
HUNTINGTON W8 AIRPORT	WSW	15	8.8	30++	N	4	64	70	51	52	4	5	4	3	3	0	19	-	7.2
PARKERSBURG WB CITY	-	-	8.5	31	W	20	-		-	-	3	5	5	2	1	2	18	42	-

									D	AI.		11	LJA*.	IFI					,												M	ARCH	1963
Station		1	_	_	4	5	c	2		9	10	-11	10	10			OI M	onth 17	10	10	20	21	22	23	24	25	26	27	28	29	30	31	Verage
ARBOVALE 2	- MAX	39	39	3	48	51	6	7	6	52	53	53	12	62	58	15	44	65		46	36		29		63	66	54	52	65	69	72	69	51.2
BAYARD	MIN	32	28	9	18	39	27	27	28	27	30	20	30	24	31	15	23	34	35	33	28	20	30	13	62	28	26	33	22	25	35 73	49	26.8
BECKLEY V A HOSPITAL	MIN	31	24	10	18	35	28	27	27	24	31	22	33	2 6 7 2	28	15	20	37 73	34 67	28	29	20	33	16	71	30 72	31	32	28	27	38	38	26.8
	MIN	33	28	16	36	49	31	31	27	24	34	25	37	37	33	14	37	43	40	53	33	23	23	12	30 73	37	42 72	37	36	31	43	51	32.8
BENSON	MIN	32	26	27	27	41	30	30	27	23	36	24	40	32	33	18	23	45 76	39	30	34	25	27	18	25	34	35 73	35	29	30 71	42	39	30.8
BERKELEY SPRINGS	MAX	38	37	56	43	36	33	36	26	24	31	26	29	30	57 37	20	22	38	68	31	35	29	30	28	73 24	34	34	39	46	31	37	37	31.4
BIRCH RIVER 6 SSW	MAX	32	35 25	11	5 <b>5</b> 24	54 43	30	39	37	29	19	23	53	30	58 33	56 13	36	41	62 35	56 33	51 32	32	28	38 28	58 20	30	58 35	36	25	36	58 35	67 35	50.3
BLUEFIELD FAA AIRPORT	MAX	36	27	57 27	69 40	50	55 31	30	51 31	59 39	48 28	33	58 40	68 47	50 30	53 24	53 38	69 46	62 42	60 46	58 29	31 23	30	53	68 42	50	57 42	60 37	70 45	77 50	77 56	69 53	56.9 3 <b>7.</b> 2
BLUESTONE DAM	MAX	40 28	50 33	46	59 23	72 29	62 47	50 34	48 25	55 26	29	53 29	33	56 36	73 36	45 27	27	46 34	75 41	62	53 41	30	36 29	36 21	57 23	72 28	<b>7</b> 2 37	61 40	64 32	73 34	78 36	81 42	57.3 32.1
BRANDONVILLE	MAX	36 29	39 24	15	50 26	45 32	53 36	37 29	38 29	45 27	51 31	42 23	49 31	62	64 27	38 15	50	52 33	69 36	45 28	52 35	37 22	29	31 17	48 25	68 40	71 36	66 34	56 35	69 31	77 42	70 37	51.0 29.0
BUCKEYE	MAX	40 32	43 31	51 11	52 19	52 35	46 32	41 31	50 24	56 18	52 34	47 20	47 31	66 31	65 33	54 16	52 22	71 35	69 41	60 36	50 36	38 24	35 25	57 15	70 20	71 28	70 27	57 36	71 23	76 26	79 30	69 50	56.7
BUCKHANNON 2 W	MAX M1N	43	41 20	55 18	59 25	60 42	60 30	43 31	50 30	55 24	48	57 25	63 46	69 33	63 33	54 17	55 25	72 53	62 39	61 30	60 31	34 25	33 25	50 16	71 26	73 37	68 38	59 36	72 32	79 33	75 52	74 45	58.6
CAIRO 3 S	MAX	42	47 27	60 19	55 25	.32	42 38	45 30	54 29	58 26	50 27	45 31	62 42	70 35	56 34	55 21	50 27	70 45	62 40	60 33	48 38	39 29	38 32	56 21	74 27	75 58	69 42	65 37	76 31	83 34	73 40	70 43	58•3 33•1
CANAAN VALLEY	MAX M1N	40 30	40 22	46 12	50 21	52 36	48 25	32 24	40 26	47 30	42 27	37 17	52 37	57 26	53 27	48 12	48 22	62 40	59 31	46 25	50 27	27 17	25 18	42 16	57 32	64 35	62 34	49 30	62 38	70 27	70 49	64 46	49.7 2 <b>7.</b> 7
CHARLESTON W8 AP	MAX M1N	51 38	38 28	59 23	68	63 50	59 35	46 36	56 38	60 37	53 37	53 34	66 49	72 45	47 34	56 24	59 38	75 52	55 42	71 43	61 34	36 30	38 28	57 21	74 33	76 52	63 42	64 41	76 43	82 42	81 55	65 51	60.6 38.3
CHARLESTON 1	MAX M1N	46 33	49 30	42	63	70 40	63 37	40 30	47 32	57 29	60 35	55 36	56 36	67 38	73 37	47 25	57 33	65 39	77 43	68 43	70 43	44 30	35 30	40 22	59 30	72 40	77 46	62 42	65 38	76 38	83 44	81 52	60 • 2 35 • 5
CLARKSBURG 1	MAX M1N	45 32	40 22	57 19	49	60 44	58 31	42 32	51 27	57 25	47 27	54 26	66 40	68 31	46 25	53 20	57 27	72 48	51 32	62 34	58 30	37 29	38 24	53 21	72 26	74 37	65 40	62 37	69 31	80 33	74 48	72 42	57.7 31.1
CRESTON 1 SSW	MAX MIN	41 28	45 27	40 19	60	50 28	48 28	40	46 28	55 25	60 27	53 26	52 32	61 35	70 35	50 20	51 20	59 27	78 41	51 31	62 · 38	44	32 29	37 20	57 21	74 21	60 28	65 40	76 30	82 30	76 32	79 41	56 • 6 28 • 5
DUNLOW 5 E	MAX	47 37	47 29	58 26	72 42	67 45	62 30	47 32	55 34	61 40	55 35	51 35	65 47	72 48	66 33	54 26	55 40	76 39	67 39	72 41	70 36	40	40 26	58 22	76 45	78 55	70 49	68 39	76 50	83 48	82 58	69 52	63.2
ELKINS WB AIRPORT	MAX M1N	46 31	42	52 14	45	54 41	54 30	39 30	48 26	55 24	46 25	45 23	62 36	67	43 25	56 18	53 28	70 48	50 29	54 29	55 30	31 23	30 24	49 15	66 26	72 35	65 38	56 34	69	76 31	76 48	70 44	54.7
FAIRMONT	MAX	42	39 27	54 25	47	57 44	54 31	42	51 34	52 32	47	50 27	64	67	43	52 23	54	74 48	52 36	56 36	55 30	33	34 27	53 24	71 37	73 52	64 39	62 37	74 46	80 42	75 53	71 44	56.2 35.5
FLAT TOP	MAX	43	41 26	53	62	56 48	53 28	39	47 28	54 25	45 32	37 26	55 34	66 37	57 29	47 19	44	68 41	55 39	47 40	44	30 20	27	50 18	65 33	66	54 46	56 35	66	71 33	74 43	60 49	52.6 32.1
FRANKLIN 2 NE	MAX	43	39	56	60	50	45	43	52 28	60	58	43	50 32	70	65	53	50 27	73	66	55	47 32	37	36	56 20	70 27	72 36	68	60	72 31	76 32	80	71 52	57•3 31•4
GARY	MAX M1N	45	54	40	63	74 27	64	47	47	58 26	61	54	54	63	74 36	47	60	59	76 39	65 39	67	47	34	38	60	74 30	74 37	64	65	75 33	80	83	60.2
GASSAWAY	MAX M1N	52	47	60	55	63	61	45	55	60	55	49	66	74 35	67 36	56 21	52	78 47	71 42	62	62	37	35	56	73	77	66	65	75 31	83	81	73 48	61.6
GLENVILLE 2 NE	MAX	46	46	40	60	51 30	62	41	45 27	55 23	60	51	55	67	71 35	50	56 18	60	75 41	52 31	62	41	32	37 18	56	75 29	76 38	65	65	76 32	83	77 43	57.7
GRAFTON 1 NE	MAX M1N	43	40	35	40	40	37	45	50	56	54	45	65	69	62	54	54	74 45	65	52	52 32	33 26	38 27	50 18	71	75	71	60	72	80	77	82	56.2
MAMLIN	MAX		50		30 64	72	64	41	48	58	62	55		68	73	51	56	62	77	58	74	45	36	43	60	75	37 77	63		77	83		60.9
HARPERS FERRY NAT MONMT	MAX	35	31 44	55	53 29	35 43	37 51	50	55	54	32 56	47	36 43 29	55	54	51		81	76	55	56	51	46	19 59	77	81	45 77	74	79	75	72	69	58.9
MOGSETT GALLIPOLIS DAM	MAX	50	30 48	44		36 52	63	41	30 47	56	57	58	50	69	69	49	54	39 60	74	61	74	59	35	41	59	75	75	60	68	76	80	72	59.2
MOPEMONT	MAX	40	45	21	48	32 47	48	32 47	33	30	32		36 55	60	35 56	41		35 66	62	41	55	30 51	29	49		68	64	50		38 75	71	59	33.8
MUNTINGTON W8 AIRPORT	MAX	46	30 43	62	71	63	57	25	57	59	56	56	68	71	51	54	37 59	75	55	76	54	19	20	16	76	76	63	70	36 79	84	37 77	35 69	29.0
KEARNEYSVILLE 1 NW	MIN	32	29	38	36 52	47	34 40	36 45	38	52	38	35 51	55 34	45	34 56	49	35 49	52	78	43 55	34	30 51	30	24	52	74	43 79	72	62	75	70	51 74	39.8
LEWISBURG	MIN	26	29 45	57	59	37 60	33 62	33	29 54	60	30 53	29 47	29 56	31 71	33 66	55	50	38 70	70	68	33 62	28	30	26 55	30 70	72	46 69	42 61	71	40 76	38 79	70	32.8
LOGAN	MIN	44	30 55	17	65	74	25 65	43	50	60	63	58	41	54	37 <b>7</b> 5	17 45	30 58	35 61	78	45 58	37 71	25 45	37	45	61	37 75	41 75	39	69	32 77	36 82	83	30.7
LONDON LOCKS	MIN	34 48	33 56	24	62	31 74	70	50	31 48	29 58	62		52	38	41 74	29 62	29	39 64	43 78	45 65	45 53	33	30	38	50	31 66	45 67		37		38	44	34.8 57.6
MADISON	MIN	33	32 53	26	64	30 74	47 64	33	32 50	31	62		34 56	36	39 75	25	58	38	45 77	61	45 71	32 45	28	24	61	31 76	45 78	43 63	37 68	40 77	40 83	46 82	34.6
MANNINGTON 1 N	MIN:	33	32	57		32	41	30	29	29		31	36	40	41	26	26	37	43	44	57	33	28	22	23	30 76	44	43	38	37	38	44	34.1
MARTINSBURG FAA AP	MIN	30	32	12	18	40	32	33	25	22	30	23	42	31	32	17	22	38 78	39	30		27			18	32	32 73	37	28	30	37 77		29.1
MATHIAS	MIN	29	29	24	27	35	33	36	29	26	30	28	31	32	32	26	25	38	36 66	33	34	29	29	27	28	43	40	43	41	40	40	40	32.7
									28	24	27	22	22	27	36	17	27	38	42	27	34	25	26	21	26								30.2

Station																Day	Of M	onth			_			-									Average
	-	I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MC ROSS	MAX	33	45 27	56 24	23	65 41	53 30	42 29	52 27	56 22	52 33	45 25	49 34	69 29	68 34	53 17	50 32	72 38	63 39	56 39	52 32	35 23	30 22	53 9	70 23	76 30	70 36	57 35	72 29	77 29	79 35	66 50	57. 30.
MIOOLE8OURNE 2 ESE	MAX	40 31	40 26	57 21	47 27	57 40	55 34	34	51 29	53 26	46 37	47 25	67 45	67 35	52 33	53 20	51 27	73 45	62 40	55 32	59 36	37 27	36 29	55 21	72 27	75 38	69 43	63 38	74 31	81 34	70 42	70 40	57. 32.
MOOREFIELO MCNEILL	MAX MIN	40 31	42 31	61 15	56 20	45 36	45 34	46 35	54 24	54 29	51 31	50 22	43 31	71 28	69 39	55 11	55 44	76 35	72 45	55 40	54 37	44 29	40 29	58 19	78 21	79 29	75 33	64 39	75 29	80 28	80 42	71 41	59 . 30 . 9
MORGANTOWN FAA AIRPORT	MAX MIN	43 30	37 27	56 26	48 35	59 42	51 32	43 32	50 34	54 32	46 29	53 28	66 48	66 41	42 29	52 22	58 38	73 45	49 34	57 34	56 31	33 25	31 25	52 22	73 40	75 52	65 40	60 37	74 45	80 44	72 52	68 42	56 · 35 · 3
MORGANTOWN LOCK AND DAM	MAX MIN	38 29	40 28	55 22	46 27	56 41	50 34	43 33	50 31	54 28	48 35	48 25	65 43	69 34	52 31	53 20	57 27	74 45	60 40	55 33	55 36	36 26	35 27	52 22	72 27	75 37	67 37	61 38	72 35	80 34	75 48	71 43	56.9 32.4
NEW CUMBERLAND	MAX MIN	38 26	37 24	51 19	49 30	44 37	47 32	43 33	48 30	46 32	42 32	42 25	65 40	63 36	44 28	49 19	54 27	70 45	61 36	45 30	49 33	37 27	34 27	55 21	73 22	75 43	70 46	64	73 36	79 34	74 52	63 44	54. 32.
NEW MARTINSVILLE	MAX MIN	37 27	35 24	53 25	45 30	47 39	3 9 2 8	43 32	47 32	45 30	42 33	55 35	65 31	62 38	44 29	49	53 24	69 29	55 39	47 35	49 33	40 21	34 23	53 26	70 29	72 38	65 46	69 45	79 40	71 45	61 43	67 40	53.
OAK HILL	MAX MIN	42 35	47 30	36 19	61	70 40	60 42	42	46 31	58 27	58 34	51 29	55 35	61	72 38	39 17	55 21	56 39	74 37	59 41	57 41	41 24	31 24	35 16	57 18	73 29	74 45	59 39	67 38	75 36	79 39	80 43	57. 32.
PARKERSSURG FAA AIRPORT	MAX	44	39 25	57 25	50 32	59 44	57 34	45 34	52 34	53 30	47 30	51 30	67 49	67 40	48 32	53 23	53 36	72 46	51 37	61 38	51 32	32 28	38	56 24	72 39	74 55	61 41	64 38	76 44	81 43	67 55	69	57.0
PARKERSBURG W8 CITY	MAX MIN	47 32	38 25	59 25	51 32	62 44	57 34	43	54 38	55 31	47	51 33	68	65	45 32	54 25	52 34	73 46	52	63	49	33	38	56 24	74 37	75 53	63	65 38	75 41	82	70 53	69	57.0
PARSONS 1 SE	MAX	46 31	43	53	44	51 37	55 33	40	48	54	47	42 25	59	68	65	56 19	53	72 42	71 38	49	52 33	34	33	49 17	69	74 34	70 36	56 30	70 29	78 31	77 41	72 43	56.9
PETER58URG	MAX	45	44	60 19	60	48	46	46	55 39	54	52 39	47 26	46 32	71 28	68	54	53	76 39	68	53	49 37	42	40	57	75	78	74	63	75	81	82	73	59.
PICKENS 1	MAX	44	41	50	59	55	53	37	47	53	45	43	59	56	51	54	52	68	56	52	58	28	28	23	62	67	60	52	67	74	75	67	53.5
PIEOMONT	MAX	33	40	32	54	39 48	45	40	40	48	54	46	42	32 58	30 68	18	50	52 62	35 73	50	29	21	36	7 35	56	70	36 75	72	61	72	43 76	48 74	53.34.
PINEVILLE	MIN	30	28 55	25 46	60	39 72	36 63	34	26 48	35 56	36 60	28 54	30 49	34 62	33 <b>7</b> 3	45	30 59	40 54	4I 75	63	33 63	26 46	28	25	33 58	74	47 74	38 63	65	43 75	48 81	83	59.0
POINT PLEASANT 5 NNE	MIN	45	28 45	21 59	56	61	61	46	25 55	26 56	28	29 50	31 68	36 70	38 59	53	26 51	33 74	68	67	45 71	30 40	28	20 58	75	76	36 70	43 65	32 76	33 81	33 78	38 65	61.0
RAVENSWOOD DAM 22	MIN	32 46	24 45	60	60	60	30 61	32	34 52	58	38	30 56	43 67	68	33	20 68	28 58	40 75	39 70	38	35 65	39	28	19 56	30 72	73	47 72	38 64	35 74	36 78	54 78	50 77	61.1
RICMWOOO 1 E	MIN	33	26	53	65	60	31 58	28	33 48	33 55	40	43	43 57	61	34 59	52	25 49	47 69	40 68	38	37 60	29 36	35	24 49	30 67	70	49	39	35	38	44	48	53.9
RIPLEY	MIN	18	27	16	26 48	38 61	32 59	12	10	61	53	23 50	33 68	72	34 61	18	33 52	42 76	39 69	38 65	31	22	39	8 59	17 71	31 77	72	67	78	83	80	68	61.5
ROMNEY 3 NNE	MIN	33	19	19	26	43	13	30	28	26	50	29	44	36 70	33	18	53	46 76	40 73	35 51	35	27	27	18	27 75	43 78	48	38	31 75	36 79	42 81	48 71	32.2
	MIN	32	32	17	23	37	34	35	26	21	35	25	31	30	38	18	21	37	44	32	37	29	30	27	23	33	35	40	31	30	41 75	39	31.1
ROWLESBURG 1	MAX	38	28	17	27	51 32	32	32	48 30	55 21	52 35	27	62 38	36	62 32	56	28	72 43	40	52 31	33	26	26	17	69 26	74 36	67 39	57 37	72 32	32	40	70	31.0
SPENCER	MAX	46 35	46 25	21	58 34	61 45	61 32	33	55 34	28	55 39	49 33	66 46	70 43	34	55 21	53 35	75 48	69 40	62 38	64 36	37 27	35 28	56 20	74 30	75 44	73 47	65 38	75 38	81 38	79 52	68 47	35.8
SPRUCE KNO8	MAX	42 35	42 27	39 21	51 35	57 39	51 36	25	35 27	30	30	48 27	47 26	56 43	61 32	38 20	48 21	55 34	65 35	48 32	50 32	39 19	16	27 12	20	63 35	66 45	58 33	52 32	65 47	68 49	73 50	31.1
NNION	MAX	44 30	49 32	15	58	70 32	60 44	46 28	47 22	54 24	60 28	52 23	50 31	56 28	71 33	46 15	54 24	54 35	73 40	63 41	50 39	43 26	33 25	36 20	55 24	71 36	74 39	60 39	62 31	72 32	74 34	81 38	29.9
WAROENSVILLE R M FARM	MAX	36 26	39 32	40 19	57 23	55 29	45 34	46 35	47 25	52 22	56 26	51 25	35 29	45 31	71 33	48 21	52 24	52 28	75 39	57 32	48 35	50 29	38 30	41 29	57 25	73 34	72 38	70 40	62 34	75 32	75 40	82 45	30.5
WE85TER SPRINGS	MAX	59 34	50 29	60 19	67 29	63 43	60 32	44 34	54 29	60 26	53 36	49 29	64 44	72 35	69 36	61 21	55 34	74 45	71 40	60 37	64 34	37 24	34 24	54 12	71 25	75 35	65 38	63 38	75 31	81 30	81 42	71 49	61.8
WEIRTON	MAX MIN	40 25	39 22	52 24	47 35	45 37	47 32	40 31	48 31	43 33	43 32	44 25	66 43	64 40	45 27	50 21		0,	55 36			37 25	34 25	55 23	73 37	75 50	68 45	63 35	74 45	78 40	75 53	66 45	54.9 34.2
WELLSBURG 3 NE	MAX MIN	40 27	37 25	52 18	38 28	47 35	48 31	42 33	47 28	45 28	43 34	44 24	66 40	64 32	46 29	49 19	55 25	72 44	48 38	46 31	52 33	36 28	34 27	53 21	72 26	75 38	71 44	63 37	73 32	80 33	74 46	66 47	54.1
WESTON	MAX MIN	45 30	45 28	39 21	60 23	54 28	62 47	48	44 32	54 26	57 29	51 28	58 32	66 36	71 35	48	55 22	60 28	75 41	52 34	62 39	44	32 28	35 22	53 23	74 29	76 39	65 39	64 32	75 34	82 35	77 45	57.5 31.3
WHEELING WARWOOD OAM 12	MAX MIN	34 27	39 25	36 23	53 30	45 33	50 38	39 32	43 32	47 32	42 33	42 28	50 31	65 38	62 29	44	49	59 29	69 39	50 35	50 35	39 28	35 28	34 26	53 29	69 33	72 46	62 38	61 39	71 36	78 43	61 48	51.7
WHITE SULPMUR SPRINGS	MAX MIN	51 34	49 32	57 17	70 23	65 33	60	47	54 25	60 23	54 38	50	53 33	72 31	72 31	- 1	49 27	73 40	72 43	60 40	48	38	36 26	55 21	71 24	72 32	70 35	61 40	73	79	80	72 51	60.5
WILLIAMSON	MAX MIN	45 35	56 34	47	67	73 33	67 40	46 31	52 29	62	64 36	60 34	58 36			1		68 43	78 45	61 45	74	49	38	48	66	78 40	76 49	66 46	72	79	84	86 46	62.9
WINFIELO LOCKS	MAX	48	48	43		69	62		47	56	59	53	54	4.5	70	1	55	61	75	56	71	45	35	41	59	74	75	60		_	81	76	59.2

SMINIMALE 2 3 4 5 5 6 7 8 0 9 10 10 12 13 84 5 6 7 0 0 9 10 10 12 13 84 5 6 7 0 0 9 10 10 10 13 10 10 10 10 10 10 10 10 10 10 10 10 10																	Day	of m	onth														1463
AND SAME SHOWLD	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14				18	19	20	21	22	23	24	25	26	27	28	29	30	31
SECON SOURCES 1 1 1 1 1 0 0 0 4 1 0 1 0 1 0 1 0 1 0 1	ARBOVALE 2									Т		Т		8.0									3.D										
SECTION OF ALBORAL SOUND TO SOUTH ALL SOUND AND ALL STATE ALL STAT	BAYARD	SNOWFALL		Т						т.		т	T	3.D		2			_				5.D	4.D									
SUME FIELD FAA A SHORNET  SUMMANDA	BENSON	SNOWFALL	13	12		9			5	4	3	3	3	-	_	_	_	_	_	_	_	_		-	0	_	_	_	_	_	_	_	_
SEMESTORE DAM  SALOWARD TO NOT TO T	BLUEFIELD FAA AIRPORT	SNOWFALL	1	Т						Т		Т	-									т		.1									
SUMPALLE SOMPALL SOMPAL SOMPALL SOMPALL SOMPALL SOMPAL SOMPAL SOMPAL SOMPAL SOMPAL SOMPAL SOMPAL SOMPAL SOMPAL	BLUESTONE DAM	SNOWFALL	1						Т															T T	Т								
CAMBERT ON CAULEY  SIGNATURE  CHARLESTON' WE ARROUNT  SIGNATURE  CHARLESTON' WE ARROUNT  SIGNATURE	BRUSHY RUN		т	Т	Т										2								T	T T									
SHOR GOOD 2 1 1 1 1 1 T T T T T T T T T T T T T T	BURNSVILLE	SNOWFALL SN ON GND	т	Т					T															1.0									
CRESTON 1 SWA AIRPORT  SMOWALL  SMOWALL	CAMDEN ON GAULEY		2	1	1	1	1	Т	T																	.1							
SN ON GRO  CRESTON 1 SSM  SNORPALL SN ON GRO  ELKINS WB AIRPORT  SNORPALL SN ON GRO  SN	CHARLESTON WB AIRPORT	SNOWFALL SN ON GND	Т	Т				Т													T	Т	Ť	T T									
ELKINS WE AIRPORT  SHORMAL SHO	CLAY 1																							2.D									
SHORING CHOLD 1	CRESTON 1 SSW	SNOWFALL SN ON GND																					.5										
SHOW SHE 2 PE SHOPPEL	ELKINS WB AIRPORT	SN ON GND	S . 7	T	Т	T	Т	T		T	т		. 7 T	т	т							.9		3		т	т						
HUNTINGTON MB AIRPORT SNOWFALL SNOW GAND SNOW	FLAT TOP		S	2	2	Т		1.2					4.D												3	ī							
LEMISBURG   SHOWFALL	GLENVILLE 2 NE	SNOWFALL SN ON GND																															
NANNINGTON 1 N SNOWFALL SNOW AND 1 T T T T T T T T T T T T T T T T T T	HUNTINGTON WB AIRPORT							Т	Т				T									.1		†¹									
MARTINSBURG FAA AIRPORT   SNOWFALL   SNOWFAL	LEWISBURG	SNOWFALL SN ON GND	-									-										Т	T	т									
MATHIAS  SNOW FALL SNOW FA	MANNINGTON 1 N		1	т	т				Т															T 1									
SN ON GND 3 2 1 T T T	MARTINSBURG FAA AIRPORT	SNOWFALL SN ON GND	Т										S.D								Т	Т	.1										
SN ON GND 4 3 2 T T T T T T T 2 2 T T T T T T T T T	MATH1AS		3	2	1	т	т																	T									
SOUR ON   COLOR   CO	MC ROSS	SNOWFALL SN ON GND	T 4	3	2	т	т	т	T	т			4.0	Т								Т			1	Т							. т
NEW MARTINSVILLE	MOOREFIELD MC NEILL		-	-	-	-	-	-	-	-	-	-	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SN ON GND 1 1 1 T T T T T T T T T T T T T T T T	MORGANTOWN FAA AIRPORT	SNOWFALL SN ON GNO	2		Т	т		T		.1			Т									.9			т								
PARKERSBURG FAA AIRPORT   SNOWFALL   SNOWFALL   SNOW GND   T   T   T   T   T   T   T   T   T	NEW MARTINSVILLE		1	1	Т	т		Т		Т												Т	j <sup>4</sup>										
SN ON GNO T	OAK HILL	SNOWFALL SN ON GND	2																														
SN ON GND   SNOWFALL   T   3.0   SNOWFALL   T   T   T   T   T   T   T   T   T	PARKERSBURG FAA AIRPORT		Т					.1	Т			Т										1.0		.1 T									
SN ON GND 2 3 2 1 T T T 4 T T T T T T T T T T T T T T T	PARKERSBURG WB CITY							Т					Т	1								Т		T									
ROWLESBURG 1 SNOWFALL SN ON GND 2 1 1 T T T T T T T T T T T T T T T T T	Pledmont	SNOWFALL SN ON GND	T 2	3.0	2	1								5.0	т																		
SPRUCE KNOB  SNOWFALL SNOW GND SNOWFALL SNOW GND	PINEVILLE	SNOWFALL SN ON GNO																					.S	.6 T									
SN ON GND 5 1 1 5 1 5 5 6 1D 5 2 1 1 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ROWLESBURG 1	SNOWFALL SN ON GND	2	1	1	Ŧ	Т	Т	T														2 . D		4	т		1					
SN ON GND 2 2 T T T T  WHEELING WARWOOD DAM 12 SNOWFALL SN ON GND 2  WHITE SULPHUR SPRINGS SNOWFALL SN ON GND T T T T  WINFIELD LOCKS SNOWFALL T T T T	SPRUCE KNOB	SNOWFALL SN ON GND	S	1								1.0											6.0		S	2							
WHITE SULPHUR SPRINGS SNOWFALL T T T T SNOWFALL T T T T T T T T T T T T T T T T T T	WEIRTON	SNOWFALL SN ON GND	1.5	T 2	Т					Т	.3 T	Т	Т									T											
SN ON GND T T T T T T T T T T T T T T T T T T T	WHEELING WARWOOD DAM 12		2							Т														Т									
WINFIELD LOCKS SNOWFALL T T T T	WHITE SULPHUR SPRINGS	SNOWFALL SN ON GND	Т	Т	Т	Т								2.0																			
	WINFIELD LOCKS	SNOWFALL SN ON GNO																				T	Т										

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STATION	NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	ELEVATION	1	TAB	AN	D	OBSERVER	STATION	X NO.	COUNTY	AGE 1	LATITUDE	TUDE	NOLL		SERV TIME TAB	AN	D	ODG7701170
SIMION	INDEX	COOMIT	DRAINAGE	LATT	LONG	ELEV	TEMP	PRECIP	EVAP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LATI	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE	0102 0143 0249	PRESTON MONROE RANOOLPH POCAHONTAS MERCER	2 7	39 29 37 44 38 55 38 26 37 25	79 38 80 36 79 40 79 49 81 01	3020	5P 3P	7A 7A 7A 8A 3P		н	MONONGAHELA POWER CO- RASSIE L. SIMS OMER S. SMITH MRS. NETTIE R. SHEETS CONCORD COLLEGE	MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEN DAM 13	5712 5739 5747	BERKELEY BERKELEY HAROY MERCER MARSHALL	9 9 7 8	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 81 15 80 44	1625	MLO 6P			C H	FEO. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS
BAYARD BECKLEY V A HOSPITAL BELINGTON BELLEVILLE OAM 20 BELVA	0580 0633 0645	GRANT RALEIGH BARBOUR WOOO NICHOLAS	7 10 8	39 16 37 47 39 02 39 09 38 14	79 22 81 11 79 56 81 45 81 12	2375 2330 1679 600 748	5P 6P	7A 8A 7A 7A 7A		н	HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS RAYMOND E. PHILLIPS	MC ROSS MEADOW BLUFF 2 S MIDOLEBOURNE 2 ESE MOOREFIELO 2 SSE MOOREFIELO MCNEILL	5886 5963 6163	GREENBRIER GREENBRIAR TYLER HAROY HAROY	8 9	37 59 37 53 39 29 39 02 39 09	80 45 80 40 80 52 78 58 78 54	2445 2450 750 830 800	5P 7P 6P	5P 7A 7P		MC	RUSSELL O. AMICK DVED TO SMOOT -8295- JOHN W. CRUMRINE MRS. ZELLA H. VETTER MRS. JOHN W. SAVILLE
BENSON BENS RUN BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRRORT	0687 0710 0844	HARRISON TYLER MORGAN NICHOLAS MERCER	8 9	39 09 39 28 39 37 38 25 37 18	80 33 81 06 78 14 80 47 81 13	644 640 1885	6P	4P 8A 6P 6P MIO		н	CLARKSBURG WATER BOARO ROBERT N. HALL H. M. RURPENTMAL, 111 SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY	MORGANTOWN FAA AIRRORT MORGANTOWN LOCK AND DAN MT STORM NAOMA NEW CUMBERLAND	6212 6293 6362	HONONGALIA HONONGALIA GRANT RALEIGH HANCOCK	6 9	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	825 2845 1210	MID 7P	7A 8A		С	FEO. AVIATION AGENCY CORRS OF ENGINEERS MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTONE OAM BRANCHLANO BRANDONVILLE BRUSHY RUN BUCKEYE	1075 1083 1204	SUMMERS LINCOLN PRESTON PENOLETON POCAHON7AS	3 2 9	37 39 38 13 39 40 38 50 38 11	80 53 82 12 79 37 79 15 80 08	1375	8A 8A 5P	8A 7A 8A 7A 7A	8A	н	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAN WALTON	NEW MARTINSVILLE OAK MILL OHRS PARKERSBURG FAA AIRPORT # RARKERSBURG WB C17Y	6591 6674 6849	WETZEL FAYETTE MORGAN WOOD WOOD	8 7 9 8	39 39 37 58 39 30 39 21 39 16	80 52 81 09 78 17 81 26 81 34	950 837	6P 7A MIO MIO			СН	DR. 2. W. ANKROM MILES H. MARTIN MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. WEATHER BUREAU
BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMOEN ON GAULEY CANAAN VALLEY	1282 1328	UPSHUR BRAXTON RICHIE WEBSTER TUCKER	5 4	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	1445 770 680 2100 3250	6P 6P	6P 7A 7A 6A 6P		н	OR. ARTHUR B. GOULO JOHN W. BROWN EUREKA PIRE LINE CO. HOWARD FLETCHER BEN F. THOMPSON	RARSONS 1 SE PETERSBURG RHILIPPI PICKENS 1 PIEOMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANOOLPH MINERAL		39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1680 1013 1281 2695 1053	5P 6P 7P 8A	5P 7A 7A 7A 8A		н	FERNOW EXP. FOREST MRS. BESS S. MOHL MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER, JR.
CENTRALIA CHARLESTON W8 AP CHARLESTON 1 CLARKSBURG 1 CLAY 1	1570	BRAXTON KANAWHA KANAWHA HARRISON CLAY	4	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	MID 9A MIO	9A		н С н Э	MRS. CLARA F.HOLOEN U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY MRS. SARAH B. FRANKFORT	PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAM 22 RENICK 2 S	7112 7207 7352	MYOMING MASON MERCER JACKSON GREENBRIER	3 8 7 8 7	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	610 2410 564 1900	7A 5P 4P	7A 5P 7A 7A 8A		н	JAMES G. MC DERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIN
CLENDENIN 1 SW CORTON CRESTON 1 SSW OAVIS ORY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	5 2	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	648 3120	7A	8A 7A 7A		C H	KATHERINE M. RAOER MOPE NATURAL GAS CO. SEWARO R. LYNCH MRS. MRY L. OUMAS MRS. RUTH E. JARRELL	RICHWOOD 1 E RIPLEY ROMNEY 3 NNE ROWLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSON HAMPSHIRE PRESION PLEASANTS	4 8 9 2 8	38 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 12	2300 610 640 1375 650	6P 5P 5P 7P	6P 5P 5P 7A 5P		н	HUGH O. WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARO JOHN H. INGRAM
OUNLOW 5 E ELKINS WB AIRPORT ELLENBORO FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANOOLRH RITCHIE HARION HERCER	5 6	38 20 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	1970		7A M1D		C H7	KELLY BROWNING U. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT FREO E. BOWLING	SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG SMITHBURG 2 SMITHVILLE	7889 8274 8278	HARRISON HARRISON DODDRIDGE OOOORIDGE RITCHIE	6 8 8 5	39 18 39 17 39 17 39 17 39 04	80 35 80 36 80 44 80 44 81 05	1120 1120 795 616 640		8A 7A		C	CLOSEO 7-1-62 CLOSEO 7-1-62 HOPE NATURAL GAS CO. MRS ANNABELLE CHILDERS HORE NATURAL GAS CO.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3238 3353 3361	PENOLETON LEWIS MC DOWELL BRAXTON GILMER	6 1 4	38 39 39 06 37 22 38 40 36 57	79 18 80 31 81 33 80 46 80 49	. 1030	6P 6P 6P	7A 8A 6P 7A		с с с	GEORGE D. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. DICK W. BEALL	SPENCER SPRINGFIELO 1 N SRRUCE KNOB STONY RIVER DAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HAMPSHIRE PENOLETON GRANT NICHOLAS	5 9 9	36 46 39 26 38 41 39 08 36 18	81 21 78 42 79 31 79 18 80 46	964 795 3050 3400 1850	6R BA	8A 8A 8A 7A		C H	W. VA. WATER SVC. CO. HARRY L. GRACE HARRY J. GORDON FRED C. BECKER CHARLES F. GUM
GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	5 3 4	39 21 36 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	1230 730 650 1501 1375		5P 8A 7A		c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON	SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	, 4	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A		CORPS OF ENGINEERS CMARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS
HAMLIN MARPERS FERRY MARPERS FERRY NAT MONMT HASTINGS HICO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE	9 8	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	760	8A 5P	8A 7A 5P 3P 7A			w. va. water SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILOREO E CRIST	UNION VALLEY BEND VALLEY HEAO VANDALIA WARDENSVILLE R M FARM	9068 9086 9104	MONROE RANDOLPH RANOOLPH LEWIS HARDY	7 10 10 6 9	37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 78 35	1975 2D10 2425 1120 960	7A 9A	7A 7A 7A 6P 9A		c c	MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS DAM HOPEMONT HORNER HOULT LOCK 15 HUNDRED	4264 4281 4309	MASON PRESTON LEWIS MARION WETZEL	6 6	38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 08 80 27	570 2490 1075 878 1034		7A 7A 4P 12M	7A	c	CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS MFGRS. LT. + HT. CO.	WASHINGTON OAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOD WEBSTER HANCOCK BROOKE LEWIS	8 8 8 6	39 15 36 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	6DD 1515 1040 668 1026	5P 6P 6P 7A	7A 7A 6P 6P 7A	ŀ	С	CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HENRY. JR.
# HUNTINGTON FEO BLDG HUNTINGTON WB AIRPORT IAEGER IRELAND JANE LEW	4393 4408 4478	CABELL CABELL MC DOWELL LEWIS LEWIS	8 1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	826 1040 1142	DIM			С	CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARO CLARKSBURG WATER BOARO	WHEELING WARWDOO DAM 12 WHITE SULPHUR SPRINGS WIOEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY MINGO MINGO	8 7 4 1	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	8A 5P 8A	7A 7A 6A 6A 7A			CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
LAKE LYNN	4816 4836 4971 5002	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	1 9 10	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	930	5P 5P 5P	5P 7A 5P 5P 7A		С	UNIVERSITY EXP. STA. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUPT. WEST PENN POWER CO.	WINFIELO LOCKS	9683	PUTNAM		38 32	81 55	571	7A	7A		н	CORPS OF ENGINEERS
LEWISBURG LINDSIDE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341	GREENBRIER MONROE JACKSON GILMER LOGAN	7 8 5	37 48 37 27 38 54 38 51 37 51	80 26 80 40 81 32 80 58 82 00		5P	1		Н С С С	HUGH A. SCOTT LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSHALL	NEW STATION	8295	GREENBRIER	4	37 52	80 41	2500		7A			JOHN P JONES
LONDON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MARLINTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	6	38 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 05	995	7A 8A 6P	7A 8A 6P 7A		н	CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST CECIL A. CURRY												

#### REFERENCE NOTES

Additional information regarding the climate of West Virginin may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near you,

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin,

Monthly and seasonal snowfall and henting degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this testion

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957,

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Scasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and icc.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall und Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Cage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

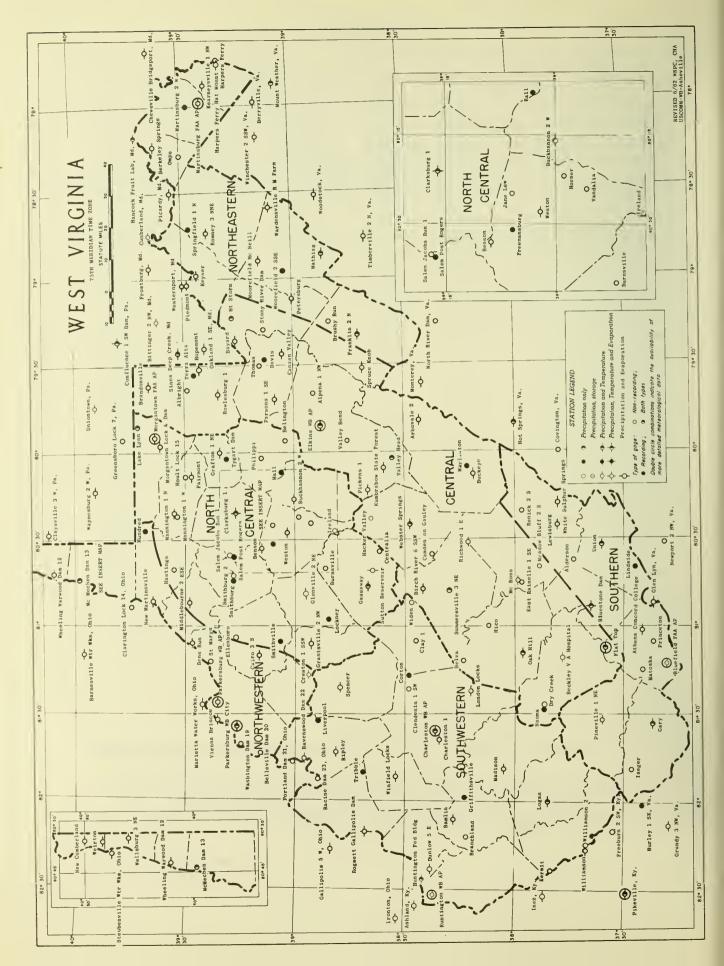
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
  - \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents, Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---5-15-63---725



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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

APRIL 1963 Volume 71 No. 4



THE LIBRARY OF THE JUN 20 1963 University of Humans

### WEST VIRGINIA - APRIL 1963

## TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 91° on the 18th at Williamson

Lowest Temperature: 14° on the 16th at Arbovale 2 and on the 11th at Spruce Knob

Greatest Total Precipitation: 3.78 inches at Canaan Valley

Least Total Precipitation: 0.56 inch at Matoaka

Greatest One-Day Precipitation: 1.56 inches on the 23d at Keyser

Greatest Reported Total Snowfall: 1.8 inches at Flat Top

Greatest Reported Depth of Snow on Ground: 2 inches on the 14+ at Flat Top

#### SPECIAL WEATHER SUMMARY

April was unusually dry in the Southern Section with Charleston and Huntington having the driest April of record. Daily maximum temperature records were established during the first three days of the month at Huntington and Parkersburg and again on the 21st at Huntington.

The dry weather and generally low humidity caused a critical forest fire situation with many small fires, and a few of larger proportion, principally during the early period.

During the last week gusty winds associated with storms caused damage in scattered places, with one "tornadic type" wind which did severe damage at Berkeley Springs, including the State Park.

Horace C. Dwelle Weather Bureau State Climatologist Box 986 Parkersburg, West Virginia

				Tem	perot	ure					_		_			_	Preci	pitation			AP	RIL	1963
										N	o. of 1	Days	+				1	_	w, Sleet	_	1	ia. of	Days
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mo es Alberra	8 9	Min Polon 0, 0	. ,	Total	Departure From Normal	Greatest Day	Date	Tataî	Max Depth an Ground	Date	10 or More	50 or More	1 00 or More
NORTHWESTERN										_		$\top$	+										
BENS RUN CAIRO 3 S CRESTON 1 SSW NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG BUTY WEIRTON WELLSBURG 3 NE WHEELING WARWOOD DAM I2	67.4M 69.4 67.8 65.2 67.4 66.0 66.1 64.6 65.1	37.2M 36.6 34.4M 37.2 38.6 41.7 41.7 39.2 35.4 38.1	52.3M 53.0 51.1M 51.2 53.0 53.9 53.9 51.9 50.3 50.8	- 1.6 - 0.7 - 1.7 - 0.2 - 0.5 - 0.2 - 0.8 - 0.3	85 84 85 84 86 85 85 83 83	3 21+ 3 2 2 2 2 2 2 2 3	24 24 20 24 27 28 30 25 22 27	11+ 10 15 11+ 12 12 10 16	378 362 420 413 369 362 357 399 438 424	000000000	000000	12 12 8 8	0000000000	1.81 2.26 2.12 2.36 2.45 1.85 1.90 2.72 3.11 2.43	- 1.75 - 1.37 - 1.35 - 1.05 - 1.09 - 1.35 57 96	.52 .46 .62 .70 .58 .55 .45 .73	18 22 20 17 18 23 20 20	00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0	30	7 6 7 6 6 6 6 8 8 6	1 0 1 1 2 1 0 2 1 2	0000000000
DIVISION			52.1	- 0•6										2.30	- 1.19			T					
NORTH CENTRAL																_							
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM WESTON	68.4 66.1M 65.5 70.4 67.2 66.7 68.5 67.7 67.0 64.3 65.9 66.7M	34.9 36.0M 35.4 40.4 37.7 35.1 35.3 37.5 34.1 35.7 40.0 37.5 36.4M	51.7 51.1M 50.5 52.5 54.1 51.2 51.0 53.0 53.0 9 51.4 52.2 51.7 51.6M	- 0.9 - 1.1 - 0.9 - 0.8 - 3.9 - 1.0 - 0.8	85 81 82 83 86 85 83 84 83 84 84 85	3 19+ 21+ 2 21 3 19 4 2 2 2 19 3	21 19 23 27 22 20 21 24 20 22 27 26 24	16+ 10 11 11 5 25+ 16+ 11 10 16	397 432 394 334 419 370 423 408 401 397 414	0000000000000	0000000000	14 16 7 12 15	000000000000	2.46 3.08 2.10 1.77 1.26 1.80 1.80 1.71 1.90 1.45 1.31 2.68	- 1.33 - 1.21 - 1.78 - 1.89 - 1.91 - 2.29 - 1.68 - 1.15	.69 .65 .37 .36 .41 .43 .39 .55 .47	18 23 29 30 17 22 23 17	T T 00 T 00 T 00 00 00 00 00 00 00 00 00	000000000000000000000000000000000000000	30	10 9 5 6 5 6 7 6 6 6 6 6 6 4 8	1 3 1 0 0 0 0 0 1 0 0 0 2	0
DIVISION			51.8	- 1.2										1.93	- 1.74			Т					
CHARLESTON WB AP CHARLESTON I DUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WILLIAMSON WINFIELD LOCKS  DIVISION CENTRAL ARBOVALE 2 BAYARD BECKLEY V A HOSPITAL BIRCH RIVER 6 SSW BRANDONVILLE BUCKEYE CUKEYE ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	69.6 69.3 71.1 69.6 68.8 71.7 71.3 70.8 69.7 71.0 69.1 74.8 68.6 61.5 61.5 61.5 61.5 61.5 61.5 61.5 61	42.5 42.4 46.2 39.2 37.8 46.2 41.4 40.3 38.8 39.3 39.3 39.3 37.6 M 34.0 32.0 32.0 32.0 32.0 32.0 33.3 34.0 35.3 34.0 35.3 36.1 34.5	56.1 55.9 58.7 54.4 53.3 59.0 56.4 55.6 54.3 55.6 54.3 55.7 46.6 47.2 49.6 46.9 52.6 M 47.5 53.8 49.6 46.9 53.8 49.6 49.3 47.5 53.8 53.8 47.8 47.8	0.0 0.1 2.9 9 0.1 0.5	878888888879089888888888888888888888888	22 21 22 22+ 21 22 22+ 21 21+ 21+ 21+ 3 19 3 20 3 19 19 19 21+ 3 21 21 21 21 21 21 21 21 21 21 21 21 21	24 25 32 30 26 28 22 23 21 22 30 29 14 18 22 20 16 17 21 23 18 21 22 23 23 24 25 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	11 10+ 11+ 11- 6 16- 16- 11- 11- 11- 11- 11- 13+ 16- 16- 16- 16- 16- 16- 16- 16- 16- 16-	302 300 241 309 366 243 243 243 349 346 620 337 370 527 455 562 462 450 518 392 361 419 508	000000000000000000000000000000000000000	000000000000000000000000000000000000000	11 16 66 99 11 11 12 48 17 17 11 11 11 11 11 11 11 11 11 11 11	000000000000000000000000000000000000000	1.21 .91 1.66 1.58 1.02 .86 1.65 1.80 1.65 1.91 1.66 1.31 1.10 .92 1.41 1.54 2.32 3.78 2.32 3.78 2.35 1.21 2.35 1.21 2.35 1.35	- 2.447 - 2.43 - 2.43 - 2.70 - 1.62 - 1.37 - 2.19 - 2.46 - 2.53 - 2.06 - 1.58 - 1.13 - 2.41	. 45 .41 .24 .42 .35 .63 .57 .70 .38 .48 .47 .47 .85 .83 .92 .59 .63 .48 .48 .47 .85 .85 .85 .86 .47 .85 .85 .85 .85 .85 .85 .85 .85 .85 .85	30 22 30 30 30 29 20 20 22 23 23 23 23 30 30 30 30 29 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	T .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	000000000000000000000000000000000000000	24+ 10 14+ 24	5466447756664532 56556599556788	000001111100000	000000000000000000000000000000000000000
ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E DIVISION	64.7 59.1 70.1	37.0 36.7 37.7	50.9 47.9 53.9	0.3	82 80 85	19	24 14	16+ 11 16+	423 509 343	0 0		15	000	2.91 2.09 1.20	- 1.77	1.05 .83 .31	18	.0 T .0	0 1	24+	5 7 5	2	0
SOUTHERN																							
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS DIVISION	66.1 63.5 68.4 69.7 68.4 70.2 66.7 70.4	39.9 42.6 39.0 38.4M 37.4M 37.1 37.6 37.3		0.2 0.6 1.4		22+ 21+ 4 4	29 28 26 24 26 21	16	362 368 337 326 375 337 386 341	0000000	0	5 7 11	00000000	1.22 1.34 1.02 1.22 .93 1.10 1.00 .92	- 2.16 - 1.74 - 2.14 - 2.04	.48 .21 .55 .30 .36	22 22 14 23 29 10 30 30	.00 T .00 .00 .00 .00	000000000000000000000000000000000000000		4 5 5 4 4 4 5 2	0 0 0 0 0 0	0 0 0 0
NORTHEASTERN																							
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS	66.8 66.1 70.7 65.2 66.0 66.1 66.1	38.0 36.3 41.4 39.6 37.7 39.8 36.6	52.4 51.2 56.1 52.4 51.9 53.0 51.4	- 0.9	87 85 90 86 88 88 88	3 19 4+ 19 3	22 22 28 26 26 26 26 22	6 10+ 6	385 411 291 393 402 368 414	0 0 0 0 0	0 0 0 0	11 13 3 8 11 6	0000000	1.85 1.52 1.25 1.67 3.58 1.96 1.29	- 1.28	.64 .42 .51 1.56	23 23 23 23 23 23 23 23	• 0 • 0 • 0 • 0 • 0	0 0 0 0 0		6 5 6 6 6 7 5	1 0 1 2 1 0	0 1 0

CONTINUED

				Tem	perat	ure										Preci	pitation				
										N	o, of D	ays					Sno	w, Sleet		N	lo, af D
Statian	Average	Averoge	Average	Deporture From Normol	Highest	Dote	Lowest	Date	Degree Days	Above W	+	Min.	Total	Deporture From Normol	Greatest Day	Dote	Total	Mox. Depth on Ground	Date	.10 or More	.50 or More
MOOREFIELD MCNE+LL PETERSBURG FIEDMONT ROMNEY 3 NNE VARDENSVILLE R M FARM DIVISION	69.5 69.4 64.4 68.9 66.0M	34.0 38.7 41.7 36.6 38.2M	51.8 54.1 53.1 52.8 52.1M	- 0.1 1.3 1.3	89 88 89	20 19+	23 29 22	16 16 6 16+ 16	397 346 369 375 397	00000		4 0	1.80	71 95 - 1.63	.87 .68 .76	23 23 23 23 23	•0 •0 •0 •0	0 0		4 5 6 6 3	1 0 1 0 1 0 1 0

Station	Total	1 2 7 3	4 5 6	7   8   9   10   11   12	Day of Month  13   14   15   16	17 18 19 20 21	22 23 24 25 26 27	26 29 30 31
LBRIGHT LOERSON LPENA 1 NW RBOVALE 2 THENS CONCORO COLLEGE	2.36 .91 2.95 1.54	.09 .08 .08 T	•10 •10	.35 .20 .25 .12 .12	T	.03 .45 .20 .06 .18 T .55 .05 .10 .05 .28	.04 .60 .05 .07 .53 .25 .08 .12 .32	.39 .46 .35 .78 .36
AYARO ECRLEY V A MOSPITAL ELINGTON ELLEVILLE OAM 20 ELVA	2.90 1.21 2.61 1.65	*02 *15 T *01 *05 T	•06 •05 T •03 •09	• 38 T	•24 •25 T	T	.06 .73 .05 T .10 .46 .23 .36 .04 T .32 .42 .21 .49	.35 .05 .35 .22
ENSON ENS RUN ERRELEY SPRINGS IRCM RIVER 6 SSW LUEFIELO FAA AIRPORT	2.46 1.81 1.85 I.46 1.34	• 20 T • 24	•11 •16	.09 .36 .47	•15 T •(	.30 .70 .20 .52 .13 .10 .27	*14 *24 *12 *51 T *18	•14 •23 •49 •12 •35 •23 •16 •42 •23 •21
LUESTONE OAM RANCMLANO RANOONVILLE RUSMY RUN UCKEYE	1.39 2.89 1.82 2.32	.08	T •01 •08	.01 .18 .31 .06 .53 .11 .26 .21	•21 •06 T	.04 .02 .02 .07 .01 .12 .04 .82 T .12 .23 .20 .14 .15 .05 .09	.06 .17 T T .20 T .35 .03 .03 .03 .03 .03 .03 .03	.20 .47 .20
UCKMANNON 2 W URNSVILLE AIRO 3 S AMOEN ON GAULEY ANAAN VALLEY	3.08 1.98 2.26 2.17 3.78	•04	•10 •02 •12	.03 .12 T .02 .16 .30 .10 .50 T	т	*53 *51 *25 T *05 *50 *05 *04 *33 *46 *01 *09 *03 *15 *47 *70 *13	.35 .69 .03 .41 .50 .02 .36 .34 T 1.12 T .23 .92 .04	.27 .16 .37 .42 .07 .37 .15 .45
ENTRALIA HARLESTON WB AP R HARLESTON 1 LARKSBURG 1 LAY 1	1.22 1.21 .91 2.10 1.94	.01 T T .02 T .06	.01 T	.09 .02 .15 .12 .18	•01	*14 *12 *01 *05 01 *05 *11 *09 T *05 *04 *11 *07 02 *43 *65 *04 *01 *01 *12 *08 *26 T	•16 •03 T	.33 .17 .01 .34 .30 .05
LENOENIN 1 SW RESTON 1 SSW RY CREEK UNLOW 5 E LKINS WB AIRPORT	1.48 2.12 1.30 1.66 2.40	.08 .12 .04 .05 T	.04 .04 .04 .10	.02 .04 .07 .25 T .25 .03 .20 T	•17 •16 T T T	02 11 08 08 09 09 09 03 T 09 01 18 08	.05 .36 .62 .32 .02 .17 .08 .45 .20 .30 .02	*36 *04 *24 *30 *38 *10 *32 *22
LLENBORO AIRMONT -AT TOP RANKLIN 2 NE RRY	2.56 1.77 1.41 1.52 1.22	T •02	•15 •08 •03	.25 .05 .12 .02 .41 .05 .01 .16	•17	*02 *85 *01 *13 *05 *05 *05 *05 *07 *01	.18 .45 .03 .37 .11 .06 .14 .64 T .55	*50 *21 *06 *33 *11 *26 T *36
ASSAWAY LENVILLE 2 NE RAFTON 1 NE RANTSVILLE 2 NW ACKER VALLEY	1.26 1.80 1.80 1.80		•06 •04	•01 •0* •01 •18 T •03 T	т т	.21 .04 .21 .21 .03 .15 .43 .35 .24 .15 .28 .12 .32 .11 .12	.10 .34 .03 .33 .34 .01 .08 .40 T .39 .32 .17 .65 .04	.36 .17 .41 .11 .12 .35 .30
AMLIN ARPERS FERRY ARPERS FERRY NAT MONMT ASTINGS ICO	1.58 1.13 1.25 2.40 1.67	•12 •22	*13 T	.23 .02 .16 .10 .17 .11 .30	.01 .02	*11 *03 *12 *10 *0 *10 *02 *52 *40 *19 *02 *12 *02 *30	*31 *13 T *37 T *42 *07 *37 *22 *24 T	T .51 .16 .02 .30 .30 .25
OGSETT GALLIPOLIS CAM  PPEMONT  DRNER  DULT LOCK 15  UNTINGTON WB AIRPORT	1.02 2.21 1.8 1.6	•11 T •07 •02 T •05 T T	.11 T	.02 .17 T .20 .01 .15	•02	T .05 .24 .87 .48 .36 .62 .06 .05 .01 .12 .03 T	*12 *03 *02 *11 *76 *03 *25 *49 *55 *11 T	.15 .15 .20 .24 .09
AEGER RELANO ANE LEW EARNEYSVILLE 1 NW ERHIT	1.17 2.18 2.32 1.67	.03 •13 •28	•08	.03 .01 .08 .14 .20 T		.05 +01 .43 +12 .18 .37 +47 .13 T +17	.49 .02 .45 .41 .18 .58 T .51 T	.05 .49 .26 .25 .22 .12 .38 .41
EYSER EWISBURG 2 SSW OGAN ONGON LOCKS AOISON	3.58 .93 1.80 1.63 1.65	•09	+2 T T	1 •15 •16 •17 •07 •35 •14 •18	*06 *11 T *11 T *02 T	.43 .07 .02 .03 .07 .13 .15 .05 .01 .31	1.56 .20 .04 .23 .30 .20 .27 .03 .59 T	.30 .11 T .39 .13
ANNINGTON 1 N ANNINGTON 1 W ARTINSBURG FAA AP ATHIAS ATOAKA	1.71 2.27 1.96 1.29	•02 T	T •03	.02 .10 .08 .11 .17 T T .07	+02	*35 T *77 *17 *17 *17 *24	.03 .55 T .04 .66 T T .59 T .06 .35	•36 •16 •50 •46 •10 •30 •17 •42
C MECMEN OAM 13 C ROSS 100LEBOURNE 2 ESE DOREF1ELO MCNEILL ORGANTOWN FAA AIRPORT	2.17 2.35 1.90 1.29 1.45	T	*15 *12 *10	•17 •57 •02 •11 •10 •10 •29	т	*01 *57 *55 *46 *47 *37 *04 *05 T *14 *07 *31 *15 T *03	•18 T T +28 T •08 •59 •05 •28	.35 .37 .42 .02 .06 .25 .18 .02
DRGANTOWN LOCK AND DAH T STORH EW CUMBERLAND EW MARTINSVILLE AK HILL	1.31 2.15 2.36 2.45 1.75	.03 .03 .08 T T	•03 •13 •03	.3 T T T .2 .08	•19	T .46 .06 .03 T .59 .07 .32 .45 T .70 .58 .42 T .20 .03	.13 .04 .05 .73 T T .10 .06 .05 .54 .39 .22 .03 T	*17 *32 *36 *16 *45 *18
HPS ARKERSBURG FAA AIRPORT ARKERSBURG WB CITY ARSONS 1 SE ETERSBURG	1.90 1.85 1.90 3.28 1.68	•05 T T •0	•01	.35 T .18 .04 .12 .01 .36 .01	T	**************************************	.36 .45 .15 .55 .02 .13 .87	.23 .12 .20 .04 .17 .45
MILIPPI ICKENS 1 ICOMONT INEVILLE OINT PLEASANT 5 NNE	2.07 2.33 2.19 1.10 1.89	•32 •10	.06 .10 .02	.28 T T		7	*13 *21 *01 *21 *79 *04 T *68 *02 *06 *13 *34 *63 T	.23 .36 .48 .31
RINCETON AVENSWOOD OAM 22 ENICK 2 S IPLEY DOMNEY 3 NNE	.76 1.91 1.38 1.66	•03 •12	•02	•01 •09 •03 •23 T •04 •29	•07 T •04 T	.05 .04 .10 .26 T .16 .05 .08 T .03 .07 .05 T .29 .10 .05	.08 .13 T .44 .57 .15 .05 .10 .70 T .01 .76 .02	T T •29 •21 •79 •25 •04 •14 •31
DWLESBURG 1 T MARYS MOOT PENCER PRUCE KNOB	2.91 1.47 1.27 1.33 2.09	T +05 T	.03 .07 .05 .01	.08 .10 .03 .02 .10	•14 •02 •01	T 1.05 .08 .15 .23 .36 T .04 .03 T .27 T .26 .07 .16 .15 .15	.05 .65 .03 .08 .25 .11 .05 T .15 .38 .16 .83 T	.37 .03 .67 .04 .17
TONY RIVER OAM UMMERSVILLE 3 NE UTTON RESERVOIR HOMAS NION	2.92 1.37 1.06 2.59	·10	T •02 •02	•27 •28 •13 •02 •30 •01 T •21	•09	*97 *08 1 .16 * * T *08 7 .02 T .02 *08 7 .18	•24 •77 T •19 •16 •06 •46 •03 T •18 •38 •08 •03 •15 •02	.31 .32 T .36 .44 .02 .27
ALLEY BENO ALLEY HEAO ANOALIA AROENSVILLE R M FARM ASMINGTON OAM 19	2.39 1.65 2.17 1.33 1.65	.06 .02	.04 .04 .03	•10 •21 •10 •06 •17		.06 .40 .25 .18 .20 .10 .06 .39 .23 .08 .23 .02 T .05	.36 .70 .04 .03 .23 .45 T .32 .58 .04 .05 .62 .28 .37 .03	.23 .36 .28 .12 .27 .23
EBSTER SPRINGS 1 E EIRTON ELLSBURG 3 NE	1.2 2.7 3.11	•11 T •14 •02	.05	* 31 T * 0 * T	•01	.11 .27 .07 .02 .35 .50 .30 .73 .45 .36 .25 .80	.02 .22 .04 T .15 .46 .03	.34 .19 .25 .20

# DAILY PRECIPITATION

Continued																														WEST	PRIL	1963	
Station	lal													Da	y of	Month	1																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WESTON WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON	2.68 2.43 .92 1.96 1.10	•07 •05 •02	Ť	5	*0°	9				.13 .04	•19	9			.0 .1	4		•12 •11 •03 T	.52 .04		.18 .88			•14	Т	Т				т	.34 .48 .43 .19		
WILLIAMSON 2 WINFIELO LOCKS	•98 •92	•14			.0	3			.09	• 04	•0	6				•0	6	T .08	.03		.11	.22	T •04	• • • • •	.01						•49 •47		

## DAILY TEMPERATURES

		Т									-	-					24.24														AF.		2
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day (	Of Mo 18		18	19	20	21	22	23	24	25	28	27	28	29	30 3	31	Average
ARBOVALE 2	MAX MIN	73	76 40	80	74 37	53	61	59 25	56 21	56 41	49	49	49	46	51 23	48	62	73 42	72 48	76 41	73 50	76 26	71	65 34	41	55 23	5 7 2 6	63	65	62 38	53		61.5
ATMENS CONCORO COLLEGE	MAX MIN	78	79 50	80	79	52	61	64	63	61	57	55	55 35	52	52 27	50	67 26	79 47	78 62	75 55	75 57	80	78	73 48	48	63	62	67	65	69	67		66.1
BAYARO	MAX MIN	70 44	77	78 46	74	49 26	62 18	60	54 22	53	4B 24	44	50 26	50 26	53 24	5 <b>2</b> 2 2	63 18	68	73 50	81	76 47	77	69 45	61	44	52 24	57 25	60 26	64	60	65 45		61.5
BECKLEY V A MOSPITAL	MAX MIN	80 49	81 44	84	78 45	54 25	64	65	62 28	61 46	54 29	56 26	57 23	52	53 34	58 27	68 22	82 46	78 63	80 48	74 57	83	78 48	72 43	52 33	62	64 36	70 28	71 35	68 46	68 47		67.6 37.6
BENSON	MAX MIN	81 48	83 45	85 45	83	55 22	70 22	70 28	66 27	56 44	55 22	50 21	55 22	57 28	57 25	60 25	66 21	76 48	81 57	83 49	79 50	83	<b>79</b>	56 41	45 37	62 25	69 27	68	78 30	76 39	69 53		68.4
BENS RUN	MAX	72	82 46	<b>85</b> 46	83 45	50 25	58 26	69 30	6 <b>6</b> 28	55 38	53 25		57 30		51 31	59 24	62 26	65 41	82 51	80 44	84 50	72 37	82 46	59 47	54 37			65 30	68	76 38	64 51		67.4 37.2
BERKELEY SPRINGS	MAX M1N	60 44	85 44	86 56	81 44	55 35	65 22	67	62 25	55 42	53 30	5 5 30	58 39	58 40	61 37	60 37	67 25	60 47	80 47	87 48	83 58	84	78 49	63	50 37	58 26	63	66 31	68	63	72 46		66.8 38.0
8 IRCM RIVER 6 SSW	MAX																																
BLUEFIELO FAA AIRPORT	MAX	78 53	79 58	79 57	65 36	53 29	59 40	62 38	61 41	57 40	50 30	54 30	55 32	46 34	48 34	52 33	67 36	77 57	73	76 59	72 59	79 52	72 54	67 36	51 34	5 9 3 5	61 43	66 43	67 46	54 48	65 31		63.5
BLUESTONE OAM	MAX MIN	67 48	82 46	83	84 47	64 32	60 35	66 36	68 36	66 40	63 34	53 32	58 29	60 30	53 33	56 32	58 28	70 30	84	78 50	80 53	77 37	85 43	79 55	73 40	55 37	65 43	67	72 36	72 40	55 48		68.4 39.0
BRANOONVILLE	MAX	65 46	70 46	79 50	79 47	49 29	50 20	63 27	60 23	54 34	52 24	39 26	46 27	50 25	54 23	53 22	53	64 36	71	74 42	80 50	70 33	77 42	56 43	56 34	44	55 26	5 7 2 8	63	68	59 46		60.3
BUCKEYE	MAX MIN	79 43	82 40	83 36	79 42	55 24	66 21	65 28	63 23	61 43	57 29	52 22	55 24	55 24	54 29	55 22	62 16	77 33	77 51	80 41	77 49	81 28	77 40	73 39	47	62	63 28	69	71 27	69 34	67 40		67.1 32.0
BUCKMANNON 2 W	MAX MIN	78 55	81 47	80 45	74 38	53 25	65 22	65 29	55 27	57 40	45 22	52 20	54 19	55 31	57 28	20	64	77 50	76 57	81 51	78 50	80 35	68 49	70 38	57 35	58 24	62 29	65 28	74 31	70 51	65 47		66.1 36.0
CAIRO 3 S	MAX MIN	82 50	84 47	84 45	81 41	60 24	70 25	69 30	65 29	60 41	53 26	54 24	58 25	57 30	58 28	61 26	65 25	83 46	84 55	84 54	8 2 4 8	84 37	73 47	63 43	53	63	66 30	70 31	78 33	75 44	64 45		69.4
CANAAN VALLEY	MAX MIN	70 46	74 48	78 50	74 31	48 22	60 17	60 23	59 21	50 38	46	42 24	47 25	46 25	50 22	5 O 2 5	62	68 46	70 50	80 45	74 46	75 36	66	65 30	42 28	52 24	5 5 2 2	5 7 2 5	62	60 42	63 42		60.2 32.0
CHARLESTON W8 AP	MAX MIN	85 62	84 58	84 54	76 42	55 30	67 31	70 37	60 35	62 43	51 32	58 28	60 30	53 34	57 39	61 34	69 30	85 54	81 65	84 65	77 52	87 43	<b>77</b> 52	75 42	55 38	63	68 40	72 36	78 42	64 57	69 36		69.6 42.5
CMARLESTON 1	MAX M1N	69 56	87 49	85 49	85 56	58 29	57 31	70 35	69 34	60 52	62 30	53 28	58 30	61 34	56 35	58 31	62	69 49	85 57	81 54	8 4 5 3	78 41	88 53	77 60	62	56 35	64	69 36	74 40	79 49	64 55		69.3 42.4
CLARKSBURG 1	MAX MIN	78 52	82 47	82 45	75 32	56 25	66	65 30	54 29	57 39	47 25	50 24	54 23	54 30	57 29	58 27	64	80 51	78 54	82 51	74 47	82 36	62 48	60 39	49	62 26	64 29	66 30	75 32	64 43	68 37		65.5 35.4
CRESTON 1 SSW	MAX	74 41	84 44	85 44	84 44	55 24	57 23	68	67 29	60 24	50 20	55 23	57 23	55 25	60 29	61	61 24	65	83	83 52	84 46	80 47	82 48	66 50	60	58 29	63 30	63	71 32	76 36	68 51		67.8 34.4
OUNLOW 5 E	MAX MIN	87 61	85 62	86 62	80 43	55 31	68 37	69 45	66 40	64 51	59 31	5 9 3 5	60 35	58 39	56 38	62	70 40	85 56	82 62	84 62	79 59	88	83 51	75 46	55 39	63	67 43	72 44	78 49	72 56	65 48		71 • 1 46 • 2
ELKINS WB AIRPORT	MAX MIN	76 54	80 48	81 46	70 35	53 28	63 25	62 29	57 26	54 37	43 27	48 27	52 21	51 36	55 32	54 28	66 23	76 50	75 53	83 49	69 44	79 35	70 47	70 35	44	56 26	60 29	63	70 29	55 48	65 32		63.3 35.3
FAIRMONT	MAX MIN	78 56	83 60	82 60	73 37	55 30	65 29	65 35	55 34	57 37	47 27	49 31	5 4 3 2	54 34	57 36	58 33	63 30	76 56	78 58	81 58	72 52	80	58 45	5 7 3 8	48 36	58 30	62 34	64	74 39	61 52	70 35		64.5
FLAT TOP	MAX MIN	74 50	76 47	77 52	69 39	50 26	59 34	5 9 3 2	58 31	54 45	47 26	50 29	51 28	45 35	46 31	50 31	64	76 46	70 5 9	74 52	68 57	77 35	71 46	65 38	45 31	57 33	56 39	63	62 42	57 41	62 41		61.1
FRANKLIN 2 NE	MAX MIN	73 52	83 47	85 47	70 44	57 29	65 25	66 25	62 27	61 42	54 30	51 33	55 23	52 35	56 26	57 26	66 22	77 41	78 47	80 47	78 55	83 35	73 49	68 42	43 38	59 29	62 27	65 29	68	64 41	71 46		66.1 36.3
GARY	MAX MIN	77 49	83 45	85 43	85 44	63 27	58 30	67 38	69 34	67	64 31	54 29	59 28	60 29	52 31	55 31	58 26	70 30	85 48	78 48	81 51	77 37	85 48	79 55	73 40	57 37	66 40	69	77 40	75 44	64 51		69.7 38.4
GASSAWAY	MAX MIN	84 51	85 47	85 43	83 43	58 24	71 27	69 31	64 30	61 49	57 26	56 22	58 25	55 33	<b>59</b> 33	60 28	67 24	84 50	81 56	85 48	82 48	86 35	79 51	71 44	51 39	62 29	66 31	71 30	79 33	75 54	68 47		70.4 37.7
GLENVILLE 2 NE	MAX MIN	72 50	83 46	85 43	83 52	55 21	58 22	69 26	68 27	57 37	60 21	49 20	56 21	59 31	55 27	59 25	62 21	66 35	82 57	81 51	83 49	74 35	84 34	67 52	59 38	51 25	62 28	67 29	70 32	78 45	62 52		67.2 35.1
GRAFTON 1 NE	MAX	77 52	82 42	82 43	79 45	56 21	64 22	64 28	60 28	57 44	54 24	53 22	54 22	54 26	58 26	5.8 2.5	66 22	76 52	78 54	83 50	79 52	80 34	73 46	66 41	50 36	58 24	62 28	65 29	72 30	71 37	69 54		66.7 35.3
GRANTSVILLE 2 NW	MAX MIN	71 48	85 46	86 44	88 53	56 24	5 9 2 5	70 30	70 29	60 29	57 37	51 24	52 24	57 24	60 30	62 31	60 26	67 42	85 53	82 52	85 47	76 37	85 51	67 51	59 40	52 24	68 31	72 34	71 39	80 42	63 59		68.5 37.5
MAMLIN	MAX MIN	67 52	86 45	86 46	86 55	57 24	57 27	69 31	70 31	63 42	64 28	55 24	60 27	61 31	56 31	58 26	63 25	69 41	85 65	83 51	84 51	77 36	87 48	78 56	60 40	57 33	64 36	69 32	74 38	80 49	63 55		69.6 39.2
MARPERS FERRY NAT MONMT	MAX MIN	66 43	88 48	87 54	85 51	60 37	65 32	71 41	70 33	62 44	52 28	59 38	63 35	63 37	67 36	64 34	68 32	68 54	85 5 4	90 52	87 54	86 43	78 53	70 42	56 40	62 33	68 34	67 33	69 37	70 42	76 49		70.7 41.4
HOGSETT GALLIPOLIS OAM	MAX MIN	67 52	85 50	84 48	85 51	56 26	60 26	70 27	76 33	61 33	61 27	51 25	59 27	61	56 34	5.8 2.9	63 28	65 27	85 51	83 59	83 54	76 38	85 39	70 52	61 38	55 31	63 35	67 33	75 34	80 43	62 55		68.8 37.8
MOPEMONT	MAX MIN	70 44	76 49	79 52	75 45	48 27	61 18	57 25	52 19	48	45 27	51 31	49	41	51 25	60 21	67 22	70 43	71 52	78 44	74 47	75 36	71 53	68 41	50 30	5 2 2 3	56 24	57 28	63 37	5 9 3 9	56 45		61.0 34.0
MUNTINGTON W8 AIRPORT	MAX	88 65	86 61	87 65	71 43	58 33	69 32	72 43	66 41	64 45	55 34	62 33	62 35	55 39	61 42	66 33	67 34	87 63	85 69	85 66	79 55	90 44	77 54	79 44	58 40	65 36	70 48	73 40	80 51	68 60	65 38		71.7 46.2
KEARNEYSVILLE 1 NW	MAX MIN	68 42	65 43	86 53	86 58	63 31	57 26	63 37	68	62 42	53 31	47 34	56 37	60 32	59 34	63 33	61	66 49	62 46	81 50	85 60	71 47	80 48	65 42	65 37	52 28	57 32	64	66 35	67 41	59 47		65.2 39.6
KEYSER	MAX M1N		75 52	82 50	77 46	60 32	66 26	62 33	60 27	53 45	47 26	53 33	52 34	55 31	60 33	60 31	68 34	70 47	83 51	88 53	87 54	78 41	80 51	61 32	51 31	61 27	61 31	70 33	71 35	60 31	70 33		66.0 37.7
LEWISBURG 2 SSW	MAX		82 39	82 45	78	54 27	64 33	67 34	64 29	59 44	58 31	57 29	58 25	56 27	54 33	56 28	67 24	81 41	80 57	81 41	78 49	82	77 48	75 43	52 32	62 35	68 44	71	70	68 42	70 46		68.4 37.4
LOGAN	MAX MIN	76 55	88 50	87 48	88 49	60 32	58 33	69 36	72 33	67 39	66 34	58 32	63 32	63 33	51 36	57 32	65 30	69 32	87 52	82 53	85 56	80 41	89 45	79 57	66 43	59 41	67 42	71 36	74 40	79 43	65 56		71.3 41.4
LONOON LOCKS	MAX M1N	52	50	50	50	31	30	34	37	36	32	59 28	51 26	60 31	54 34	57 33	62 33	70 34	86 51	83 54	85 50	78 46	88 43	83 52	69 42	59 37	66 36	69 38	75 40	78 45	64 55		40.3
	1	)																	3														

Continued									_								Of Mo									_		_			APRIL	1963
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
MADISON	MAX MIN	69	88	86	87 49	60 28	59 31	71 33	72 35	64	64	56 28	61	62	53 36	58 30	64 28	71 32	81 54	83 52	85 57	79 40	88	80 56	69 42	58 38	66 39	70 34	74	80	65 56	70.8
MANNINGTON 1 N	MAX MIN	79 51	84 45	83 43	79 40	57 26	69 20	67 22	62 25	54 42	49	50 21	55 21	57 25	60	60	66 20	80 58	79 54	83 47	79 47	83	72 46	58	52 37	60	65 27	67 27	75 28	75 38	71 45	67.7
MARTINSBURG FAA AP	MAX	57 43	84 45	88 56	65 42	58 35	65 26	70 35	64 32	54 41	47	57 38	60 37	59 39	62 38	61 37	68 28	61 49	81 47	87 50	78 58	83	66 49	66 41	51 39	60 30	64 32	65 37	69 38	61 37	73 43	66.1
MATHIAS	MAX	70 47	83 48	88 51	75 41	56 30	62 22	65 28	65 25	57 41	51 27	51 34	56 32	58 34	57 31	57 27	67 22	73 45	79 52	85 48	77 55	80	74 51	63 41	50 36	58 28	62 25	65 28	67 28	58 38	73 44	66.1
MC ROSS	MAX MIN	80 50	83 41	81 40	81	54 26	65 27	65 31	62 29	56 43	54 27	54 29	60 25	55 30	56 34	56 27	66 21	79 43	80 59	81 44	77 53	81 32	76 44	79 44	50 33	62	63 37	68 27	71 32	64 41	65 44	67.5 36.1
MIOOLEBOURNE 2 ESE	MAX MIN	80 50	83 47	82 46	78 37	57 24	67 25	66 28	60 28	57 44	49 25	51 22	56 24	56 29	57 27	60 24	64 24	80 49	79 56	82 53	79 49	80 36	70 47	59 40	50 34	61 27	6 <b>6</b> 29	68 31	75 32	72 41	67 43	67.0 35.7
MOOREFIELO MCNEILL	MAX MIN	68 49	85 44	88 45	85 45	58 28	70 20	69 29	69 23	57 42	5 9 30	54 29	57 23	55 28	61 23	61 21	70 19	71 48	82 45	89 44	87 49	85 31	80 41	65 44	50 40	62 25	65 24	66 26	71 27	71 30	74 47	69.5 34.0
MORGANTOWN FAA AIRPORT	MAX MIN	74 55	84 59	82 60	73 37	55 29	69 29	62	54 31	54 35	43 27	50 33	50 30	51 31	56 31	57 30	69 28	75 57	79 59	82 59	70 53	83 42	60 46	58 38	47 37	59 30	62 33	64 36	75 42	64 53	68 34	64.3
MORGANTOWN LOCK AND DAM	MAX MIN	74 52	83 51	81 50	72 53	55 29	66 27	64	55 30	56 43	46 27	50 30	53 27	55 29	59 29	58 28	66 26	75 50	79 55	B4 46	79 40	83 37	71 46	60 42	50 36	58 28	63 30	66 33	75 34	70 41	71 44	65.9 37.5
NEW CUMBERLANO	MAX	72 49	84 50	81 50	77 37	55 27	66 25	63 30	55 28	54 40	48 25	52 36	51 26	56 28	59 27	60 24	66 25	76 52	76 56	80 52	77 54	79 49	74 40	52 40	48 37	59 29	62 29	66 33	73 33	69 41	66 45	65.2 37.2
NEW MARTINSVILLE	MAX	82 46	86 54	82 50	78 45	57 27	70 27	67 32	56 32	58 45	51 28	51 27	52 29	58 30	60 28	60 28	65 33	78 53	80 58	83 56	75 51	83 40	72 44	59 43	52 37	63 29	66 32	69 34	79 36	66 44	65 40	67.4 38.6
OAK HILL	MAX MIN	65 53	83 49	84 48	83 48	57 29	56 32	67 33	68 35	62 44	58 30	50 25	56 28	58 33	50 33	54 31	58 27	69 37	82 51	77 51	81 56	75 39	82 50	80 51	67 34	53 35	63 39	65 33	70 40	72 43	57 49	66.7 39.5
PARKERSBURG FAA AIRPORT	MAX MIN	81 60	85 59	82 57	69 39	56 30	67 31	66	53 37	58 39	49	53 30	58 28	56 35	56 34	61 29	63 31	8 2 5 7	81 60	82 62	74 52	82 45	60 46	56 42	51 39	61 32	67 38	6 9 3 8	76 41	62 55	65 36	66.0
PARKERSBURG W8 CITY	MAX MIN	83 58	85 55	83 55	65 41	57 32	68 31	64 36	56 39	57 38	49 31	53 31	57 30	56 35	56 35	60 32	64 32	83 54	80	83 60	72 52	81 44	58 47	57 40	51 39	61 32	66 38	69 38	78 44	64 55	66 36	66 • 1 41 • 7
PARSONS 1 SE	MAX	74 53	81 48	82 42	80	54 29	67 24	64	58 27	55 36	53 28	47 29	52 26	52 29	55 27	56 27	66 23	75 48	75 52	83 47	80 50	81 35	77 49	68 38	46 35	57 28	61 28	63 30	70 30	62 48	68 50	65.4 36.1
PETERSBURG	MAX	68 51	86 48	89 54	8 2 4 5	58 34	68 24	68 31	63 28	57 43	56 32	53 29	56 27	60 35	60 29	60 27	72 23	74 53	80 58	88 48	86 59	85 40	80 54	65 44	52 39	61 30	64 30	75 31	71 31	70 36	76 48	69.4 38.7
PICKENS 1	MAX	74 52	77 48	78 45	66 33	52 21	63 25	59 29	56 27	54 41	42	45 20	49	48 31	52 32	51 26	62 22	73 49	70 52	78 49	67 44	78 35	68 46	68 34	41 31	54 26	57 28	61 29	69 30	55 45	65 42	61.1
PIEOMONT	MAX	70 45	73 46	82 55	83 52	64 34	55 29	65 39	64 34	60 40	55 30	44 30	50 34	55 38	55 40	55 34	60 30	66 46	71 56	77 55	88 56	70 46	82 50	66 45	62 36	48 35	58 39	60 42	64	70 46	60 48	64.4
PINEVILLE	MAX	72 48	84 44	86 43	87 43	62 29	60 29	68 37	69 33	66 34	64 31	55 29	60 28	61 29	55 29	55 33	60 26	71 26	85 45	81 48	82 49	78 36	86 42	80 53	72 41	57 36	67 39	69 32	75 32	76 38	62 51	70.2 37.1
POINT PLEASANT 5 NNE	MAX	83 56	85 49	82 49	82 40	56 25	68 25	68 33	64 35	61 45	55 26	5 9 2 2	60 25	58 31	59 35	63 27	63 25	83 48	83 60	83 57	80 48	86 38	76 46	61 42	54 37	61	67 40	71 33	78 40	78 56	65 42	69.7 38.8
RAVENSWOOD DAM 22	MAX	83 57	82 47	82 49	70 41	58 26	70 26	68 31	66 33	68 46	58 28	66 23	60 26	60 30	57 30	63 27	63 27	82 51	83 60	82 57	81 46	84 39	82 47	76 39	55 39	62 30	68 33	71 33	78 37	79 57	65 58	70.7 39.1
RIPLEY	MAX	85 55	86 40	85 45	77 41	61 22	72 24	71 30	59 30	63 45	55 24	60 21	62 23	60 27	61 29	64 25	64 25	86 47	84 60	85 55	87 45	87 37	72 49	62 42	56 36	64 29	70 31	74 31	79 35	71 53	67 42	71.0 36.6
ROMNEY 3 NNE	MAX MIN	68	86 46	89 48	85 45	58 33	69 22	70 31	64 25	57 42	56 26	5 5 3 5	59 28	57 28	62 30	61 25	69 22	67 50	B1 48	89 46	86 59	85 36	78 51	63 45	53 39	61 25	65 27	65 30	69 29	67 33	74 46	68.9 36.6
ROWLESBURG 1	MAX MIN	74 50	81 51	81 44	77 39	54 31	61 24	64 30	55 29	56 43	49 28	48 30	53 27	52 29	58 27	57 27	67 24	75 47	77 57	82 50	7B 50	80 36	62 49	61 40	49 37	58 28	62 30	63 31	71 32	70 40	66 49	64.7 37.0
SPENCER	MAX MIN	83 57	84 50	83 51	81 40	56 25	67 26	66 33	63 32	61 47	57 26	53 22	57 25	55 30	57 32	60 28	64 26	83 54	83 62	84 59	81 52	84	77 49	67 43	52 38	61	65 34	69 32	78 37	75 53	66 48	69.1 39.3
SPRUCE KNO8	MAX	67 47	72 48	76 60	80 40	46 25	50 27	58 33	63 34	56 38	53 23	36 14	42 28	45 28	48 30	48 30	49 32	63 40	71 52	71 54	78 48	75 32	76 48	68 42	62 26	39 28	54 33	55 40	55 40	63 42	53 39	59.1 36.7
UNION	MAX MIN	60 47	80 43	82 43	83 52	64 30	53 34	64 35		67 39	61 30	50 28	57 28	58 28	54 34	55 29	57 21		82 51		81 56	75 34	82 46	, 0	71 36		0,	67 28	70 38	69 43	58 42	66.7 37.6
WAROENSVILLE R M FARM	MAX MIN	70 47	64 47	84 47	88 52	64 35	57 26		68 28	61 40	56 31		54 34	58 32	55 32	60 26	60 24	68 42	73 50	80 47	85 58	74 37	84 54	72 44	66	51 29	60 28	62 31	65 29	67 33	61 49	66.0 38.2
WEBSTER SPRINGS	MAX MIN	84 56	85 47	85 43	83 42	57 26	71 29	67 30	68 23	59 42	58 30	55 23	57 25	56 33	59 33	60 30	67 23		80 57	85 50	81 50	84 38	78 49	76 40	49 37	63 29	66 32	71 30		72 48	69 51	70.1 37.7
WEIRTON	MAX	75 50	83 58	80 57	75 35	58 30	66 28	63 33			47 25	52 36	53 30	58 32	60 33	62 30	64 30	76 54	75 56	78 55		77 42	70 40	51 38	50 35	61 31	65 33	68 37	72 35	66 48	58 41	64.6 39.2
WELLSBURG 3 NE	MAX MIN	73 49	83 48	81 47	79 37	55 27	65 23	62 28	55 26	55 36	47 26		52 24	52 26	59 26	60 23	66 22	76 49	76 55	81 49	68 55	79 36	74 41	54 40	50 36	60 28	64 29	67 31	72 30	70 38		65 • 1 35 • 4
WESTON	MAX	71 45	80 49	85 48	84	54 26	57 27	78 29	68 32	56 33	58 27	48 24	55 25	55 27	58 31	60 29	60 26	68 28	81 58	80 56		74 38	83 43	66 52	60 38	50 28	60 32	65 32	60 35	76 36		66.7 36.4
WHEELING WARWOOD DAM 12	MAX MIN	67 48	73 50	81 52	79 45	48 31	56 28	66 33	63 31	54 30	56 27	47 30	51 29	53 32	56 32	57 28	59 28	66 37	77 57	78 53		68	78 43	56 46	55 35	49	60 33	64 34	66 35	74 41		63.5 38.1
WHITE SULPHUR SPRINGS	MAX	81 46	83 43	84	81 48	57 28	66	69 34	68 28	62 42	56 34	61 26	59 24	57 25	56 35	60 28	71 21	83	83 63	84 46	79 59	83 32	79 45	77 47	55 38	63 31	70 37	72 27	72 32	68 42	73 47	70.4 37.3
WILLIAMSON	MAX MIN	83 58	89 50	89 47	90 54	62 30	61 35	72 41	83 38	74 46	69 35	61 34	65 31	67 36	54 36	60 32	69 30	75 44	91 55	85 54	86 62	84	90 55	8 2 5 9	68	64 42	70 44	75 36	80	80 51	66 54	74.8 43.9
WINFIELO LOCKS	MAX	65	84 51		85	56	58 30	67	69 35	62	62	52	59	60	55	58	63 33	62	85		82	76 42	86 41	74	63	56 34		68		80 42		68.6

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
SAYARO	SNOWFALL SN ON GNO										T T														Ť							
ENSON	SNOWFALL SN ON GNO																														Т	
LUEFIELO FAA AIRPORT	SNOWFALL SN ON GNO														T																Т	
HARLESTON W8 AIRPORT	SNOWFALL SN ON GNO																														Т	
LKINS W8 AIRPORT	SNOWFALL SN ON GNO										Т													Т	Т						T	
LAT TOP	SNOWFALL SN ON GNO													1.8	2																	
UNTINGTON W8 AIRPORT	SNOWFALL SN ON GNO																														Т	
C ROSS	SNOWFALL SN ON GNO																								Т							
ORGANTOWN FAA AIRPORT	SNOWFALL SN ON GND																							Т							. 2	
ARKERSBURG FAA AIRPORT	SNOWFALL SN ON GNO																														T	
ARKERSBURG W8 CITY	SNOWFALL SN ON GNO																														T	
PRUCE KNO8	SNOWFALL SN ON GNO						T									T									T							

# EVAPORATION AND WIND

_																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLUESTONE OAM	EVAP WINO	-	-	.20	.19	.23	.11			.10 42	.07 52	.16	.16			.12 57		.11					.28 67	.09	.34		,17 41			.19 52			84.97 81685
CLARKSBURG I	EVAP	71	.16 88	.21	.28	.08	.07 37		.02	.09	.11	.07 72		.06	.13	.16 74	.06	.09	.21 103	.16	.05	.31 138	.16 52	.05 185	.04	.19 40					.14		83.54 2799
HOGSETT GALLIPOLIS OAM	EVAP WINO	-	-	-	.26	.03	.01	.29	.34	-	.28	.09	.12	.20	.01	.21	.06	.08	.32		.27 137		.33 85		.28						39		85.56
SUTTON RESERVOIR	EVAP WINO	.08				.11		.14			.11 80	.12				.19 77		.10	.01 72		.29 56	.38	.26 37		.18 144					.22			4.53 1864
WAROENSVILLE RM FARM	EVAP WINO		.12			.30 172			.12 31	.08	.07	.26 123						.18							.33				.12 23				85.01 1916

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	ive hum per	idity ave cent	erages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 A.M. EST	7:00 A.M. EST	1:00 P.M. EST	7,00 P.M. EST	Trace	.01–.09	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
CHARLESTON W8 AIRPORT	SW	18	7.8	25++	SSW	19	57	72	38	40	5	7	s	0	0	0	17	-	6.1
ELKINS W8 AIRPORT	NW	12	9.7	so++	W	30	73	79	45	49	4	4	8	1	0	0	17	_	7.3
HUNTINGTON W8 AIRPORT	NNW	11	7.8	25++	WSW	23+	52	66	39	37	5	7	4	0	0	0	16	_	6.5
PARKERSBURG W8 CITY	-	-	7.8	34	W	23	-	-	-	-	4	7	6	0	0	0	17	59	-

# STATION INDEX

WEST VIRGINIA

		_		-							1								_				1963
STATION	X NO.	COUNTY & E E E		ORSEDVED		STATION	X NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	NOLLY	T			D	OBSERVER						
Smilen	INDEX	0001111	DRAINAGE	LATI	LONG	ELEV	TEMP.	PRECIP.	EVAP.	EL CODSERVER		Simon	INDEX	COUNTY	DRAINAGE	LAT	LONG	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL (atz mortes)	OBSERVER
ALBRIGHT ALGERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORO COLLEGE	0102 0143 0249	PRESTON MOMROE RANOOLPM POCAHONTAS MERCER	2 7 2 7 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 D1	1555 3020		7A 7A 7A 8A 3P		MONONGAHELA POWER CO- RASSIE L. SIMS OMER S. SMITH H MRS. NETTIE R. SHEETS CONCORO COLLEGE		MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEN OAM 13	5712 5739 5747	BERKELEY BERKELEY MAROY MERCER MARSMALL	9 9 9 7 8	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 81 15 80 44	537 535 1625 2580 655	M10 6P	41D 6P 7A 7A		H C H	FED. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. TMOMPSON CORPS OF ENGINEERS
BAYARD BECKLEY V A HOSPITAL BELINGTON BELLEVILLE OAM 20 BELVA	0580 0633 0645	GRANT RALEIGH BARBOUR WOOO NICHOLAS	9 7 10 8	39 16 37 47 39 02 39 09 38 I4	79 22 81 11 79 56 81 45 81 12		5P 6P	7A 8A 7A 7A 7A		M HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS RAYMONO E. PHILLIPS		MC ROSS MEADOW BLUFF 2 5 MIDDLEBOURNE 2 ESE MOOREFIELO 2 SSE MOOREFIELD MCNEILL	5886 5963 6163	GREENBRIER GREENBRIAR TYLER HAROY HAROY	4 8 9 9	37 59 37 53 39 29 39 02 39 02	80 45 80 40 80 52 78 58 78 54	2445 2450 750 830 800	5P 7P 6P	5P 7A 7P 6P	1	С	RUSSELL D. AMICK VEO TO SMOOT -8295- JOHN W. CRUMRINE MRS. ZELLA H. VETTER MRS. JOHN W. SAVILLE
BENSOM BENS RUN BERKELEY SPRINGS BIRCM RIVER 6 SSW BLUEFIELO FAA AIRPORT	0687 0710 0844	HARRISON TYLER MORGAN N1CHOLAS MERCER	8 9	39 09 39 28 39 37 38 25 37 18	80 33 81 06 78 14 80 47 81 13	644	. 8 A	6P 6P MID		H CLARKSBURG WATER BOARO ROBERT N. HALL M. M. RUPPEMTHAL. III SOUTHEASTERN GAS CO. M. FED. AVIATION AGENCY		MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM MT STORM NAOMA NEW CUMBERLANO	6212 6293 6362	MONONGALIA MONONGALIA GRANT RALEIGM HANCOCK	6 6 9 4 8	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	1245 825 2845 1210 750		7A 8A 6P		Н	FEO. AVIATION AGENCY CORPS OF ENGINEERS MRS. ELLEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTOME OAM BRANCHLANO BRANDONVILLE BRUSHY RUM BUCKEYE	1075 1083 1204	SUMMERS LINCOLN PRESTON PENOLETON POCAHONTAS	7 3 2 9 7	37 39 38 13 39 40 38 50 38 11	80 53 82 12 79 37 79 15 80 08	1388 600 1798 1375 2100	8.8	8A 7A 8A 7A 7A	84	M CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN 8. SHREVE MISS ILEAN WALTON		NEW MARTINSVILLE OAK MILL OMPS PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY	6591		8 7 9 8 8	39 39 37 58 39 30 39 21 39 16	80 52 81 09 78 17 81 26 81 34	637 1991 950 837 615	6P 7A MIO MIO			СН	OR. 2. W. ANKROM MILES H. MARTIN MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU
BUCKHANMOM 2 W BURMSVILLE CAIRO 3 5 CAMDEN OM GAULEY CANAAM VALLEY	1282 1328 1363	UPSHUR BRAXTON RICHIE WE85TER TUCKER	1D 5 5 4	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	2100	6P 6P	6P 7A 7A 6A 6P		DR. ARTHUR 8. GOULD  JOHN W. BROWN EUREKA PIPE LINE CO. M MOWARD FLETCHER BEN F. THOMPSON		PARSONS 1 5E PETERSBURG PHILIPPI P1CKEN5 1 PIEDMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANOOLPH MINERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 4D 79 07 80 02 8D 13 79 02	1680 1013 1281 2695 1053		5P 7A 7A 7A 8A			FERNOW EXP. FOREST MRS. BE55 S. MOML MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR.
CENTRALIA CHARLESTON WB AP CHARLESTON I CLARKSBURG I CLAY I	1570 1575 1677	BRAXTON KANAWHA KANAWHA HARRISON CLAY	4 4 6 4	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	M10 9A HID	9A		MRS. CLARA F.HOLOEN U.S. WEATHER BUREAU W. VA. WATER SVC. CO. MENRY R. GAY MRS. SARAH 8. FRANKFORT		PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAM 22 RENICK 2 S	7112 7207 7352	WYOMING MASON MERCER JACKSON GREENBRIER	3 8 7 8 7	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	610 2410 584 1900	7A 5P 4P	7A 5P 7A 7A 6A			JAMES G. MC OERMITT UNIVERSITY OF W. VA. W. VA. WATER 5VC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIN
CLENDENIN 1 5W CORTON CRESTON 1 SSW OAVIS DRY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	4 4 5 2 4	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	615 640 648 3120 1264	7 A	8A 7A 7A	0	KATHERINE M. RAOER HOPE NATURAL GAS CO. SEWARD R. LYNCM MRS. MARY L. DUMAS MRS. RUTH E. JARRELL		R1CHW000 1 E R1PLEY ROMEY 3 NNE ROMLESBURG 1 5T MARYS	7552 7730 7785	NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS	4 8 9 2 8	38 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 12	2300 610 640 1375 650	6P 5P 5P 7P	6P 5P 5P 7A 5P		н	HUGH D. WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN H. INGRAM
OUNLOW 5 E ELKINS WB AIRPORT ELLEMBORO FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANOOLPM RITCHIE MARION MERCER	8 10 5 6 7	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	1970	ніо	MID 7A	0	KELLY BROWNING HJ U. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FLITRATION PLANT H FREO E. BOWLING		SALEM JACOBS RUN I SALEM POST ROGERS SMITMBURG SMITHBURG 2 SMITHVILLE	7889 8274 8278	MARRISON MARRISON OGODRIOGE OODDRIOGE RITCHIE		39 18 39 17 39 17 39 17 39 04	80 35 80 36 80 44 80 44 81 05	1120 1120 795 818 840		8A 7A	*	c	CLOSEO 7-1-62 CLOSEO 7-1-62 HOPE NATURAL GAS CO. MR5 ANNABELLE CHILDERS HOPE NATURAL GAS CO.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3238 3353 3361	PENDLETON LEWIS MC OOWELL BRAXTON GILMER	6 1 4	3B 39 39 06 37 22 38 40 38 57	79 18 80 31 81 33 80 46 80 49	1030 1426 840	6P 6P 6P	7A 8A 6P 7A	0	GEORGE O. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. M DICK W. BEALL		SPENCER SPRIMGFIELO 1 N SPRUCE KMOB STONY RIVER OAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HAMPSHIRE PENOLETON GRANT NICHOLAS	5 9 9 9	38 48 39 28 38 41 39 08 38 18	81 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850	6P 8A	8A 8A 7A		н	W. VA. WATER SVC. CO. HARRY L. GRACE HARRY J. GOROON FREO C. BECKER CHARLES F. GUM
GRAFTOM I NE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	10 5 3 4	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	850 1501	8A	5P 8A 7A		EARL R. CORROTHERS MOPE NATURAL GAS CO. ROBIN D. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON		SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART GAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	. 4	36 39 39 27 39 09 36 41 39 19	80 41 79 33 79 30 81 50 80 02	635 2587 3010 630 1200		7A 7A	7A	c	CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTM CASTO CORPS OF ENGINEERS
HAMLIN MARPERS FERRY MARPERS FERRY NAT MONMT HASTINGS HICO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE	3 9 9 8 7	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	405 220 760	8A 5P	8A 7A 5P 3P 7A		W. VA. WATER SYC. CO. MISS ELEAMOR J. WHITE NATIONAL PARK SERVICE MOPE NATURAL GAS CO. MRS MILOREO E.CRIST		UNION VALLEY BENO VALLEY HEAO VAMOALIA WAROENSVILLE R M FARM	9068	MONROE RANDOLPH RANDOLPM LEWIS HAROY	7 10 10 6 9	37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 78 35	1975 2010 2425 1120 960		7A 7A 7A 6P 9A	- 1	С	MRS.TMELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS OAM HOPEMONT HORNER HOULT LOCK 15 HUNOREO	4264 4281 4309	MASON PRESTON LEWIS MARION WETZEL	8 11 6 6 8	38 41 39 26 38 59 39 30 39 41	82 11 79 3I 80 22 80 08 80 27	876	50	7A 7A 4P 12M	7A	CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARO CORPS OF ENGINEERS MFGRS. LT. + HT. CO.		WASMINGTON CAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9345 9368	WOOO WEBSTER MANCOCK BROOKE LEWIS	8 4 8 6	39 I5 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	5P 6P 6P 7A	7A 7A 6P 6P 7A		С	CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON M155 OOR15 J. PFISTER J. ARTHUR HENRY. JR.
# HUNTINGTOM FEO BLOG HUNTINGTON WB AIRPORT IAEGER IRELAND JAME LEW	4393 4406 4478	CABELL CABELL MC OOWELL LEWIS LEWIS		38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1040 1142	MIO			CORPS OF ENGINEERS  U. S. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARO CLARKSBURG WATER BOARO		WHEELING WARWDOO GAM 12 WHITE SULPHUR SPRINGS WIGEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	GREENBRIER CLAY		40 06 37 48 38 28 37 40 37 40	60 42 60 18 80 52 82 17 82 17	659 1914 1143 673 659	8A SP 8A	7A 7A: 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
KEARMEYSVILLE 1 MW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971 5002	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	9 1 9 10 2	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	930 3210 900	5 P 5 P	8A 7A 5P 5P 7A		WB AGRICULTURE SER, OFF. ROY A. GEMPSEY POTOMAC STATE COLLEGE H FOREST SUPT. WEST PENN POWER CO.		WINFIELD LOCKS	9683	PUTNAM	4	38 32	81 55	571	7A	7A .		н	CORPS OF EMGINEERS
LEWISBURG 2 SSW LINOSIDE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341 5353	GREENBRIER MONROE JACKSON GILMER LOGAN	7 8 5	37/46 37/27 38/54 38/51 37/51	80 28 80 40 81 32 80 58 82 00	2000		5P		H RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT MOPE NATURAL GAS CO. COY E. MARSHALL		NEW STATIONS	8295	GREENBRIER	4	37 52	80 41	2500		7A	1		JONES
LONDON LOCKS MADISON MANNINGTON 1 N MANNINGTOM 1 W MARLIMTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	6	36 12 36 03 39 33 39 32 36 13	81 22 81 49 80 21 80 22 80 05	975 9 <b>9</b> 5	' BA	7A 8A 6P 7A		CORPS OF ENGINEERS  J J E. CURRY  JAMES N. MORGAN  ORA G. FROST  CECIL A. CURRY	,	BECKLEY WB AIRPORT	0582	RALEIGM	7	37 46	81 07	2504	MIO	10			U.S. WEATMER BUREAU

\$ 1-81G SANOY, 2-CHEAT, 3-GUYANOOT, 4-KANAWAA, 5-LITTLE KANAWAA, 6-MONONGAHELA, 7-NEW, 8-OHIO, 9-POTOMAC, 10-TYGART, 11-YOUGHIGGHENY

#### REFERENCE NOTES

Additional information regording the climate of West Virginia may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginio, or to any Weather Bureau Office near yee.

Figures and letters following the stotion name, such as 12 SSW, indicate distance in miles and direction from the post office,

Delayed data and corrections will be carried only in the June and December issues of this belietin.

Monthly and seasonal snowfall and hoating degree days for the 12 months ending with the proceeding Jene data will be carried in the Jely issue of this bulletin.

Stations appearing in the Index, but for which data ore not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Dato" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and ovaporation in inches and wind movement in miles. Monthly dogree day totals are the sums of the negotive departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Burcau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Mio in "Evaporation and Wind" Toble refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Soow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station lodex the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table, Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

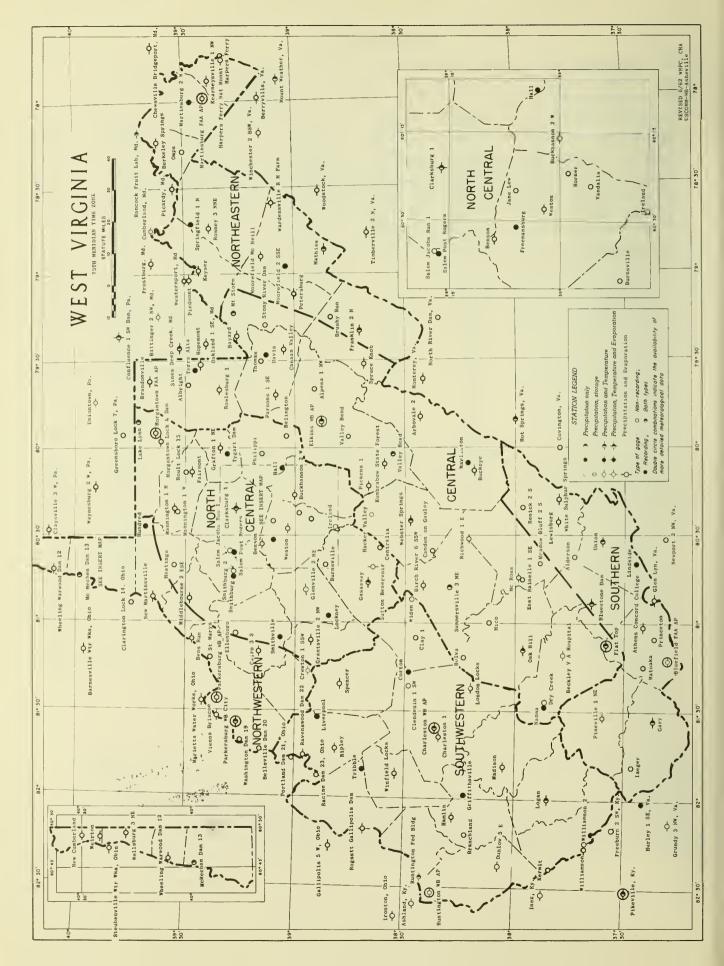
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Soow on Ground" Table; and the Station Index.
- + And also on ao earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall,
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column io Station Index means observatioo made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25. D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Prioting Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---6-10-63---725



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# U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

MAY 1963 Volume 71 No. 5



THE LIBRARY OF THE
JUL 25 1963
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### WEST VIRGINIA - MAY 1963

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 10+ at Harpers Ferry Nat Monmt, and on the 10th at

Moore Field McNeill

Lowest Temperature: 17° on the 2d at Birch River 6 SSW

Greatest Total Precipitation: 6.04 inches at Pickens 1

Least Total Precipitation: 0.65 inch at Mathias

Greatest One-Day Precipitation: 2.10 inches on the 18th at Flat Top

Greatest Reported Total Snowfall: 4.0 inches at Pickens 1

Greatest Reported Depth of Snow on Ground: 2 inches on the 2d at Alpena 1 NW and

at Spruce Knob

### SPECIAL WEATHER SUMMARY

This was a dry May in the northeast and northwest, especially the northwest. Parkersburg had the second driest May since 1888, exceeded only in 1939, which had a total of 0.53 inch. It was unusually cold on the 1st and 2d of the month and again on the 23d and 24th with new daily records established on one or more of those days at Parkersburg, Huntington, and Charleston, with

Charleston reporting the lowest ever so late in the season on the 2d and 24th.

Horace C. Dwelle Weather Bureau State Climatologist Weather Bureau Office P. O. Box 986 Parkersburg, West Virginia

																						7/4 7	1463
				Ten	nperot	lure											Proci	pitation					
Station	Average	Average	Average	Departure From Normal	Highest	Dote	Lowest	Date	Degree Days	y å	JX.	W	in.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or More
NORTHWESTERN											-		_										
BENS RUN CAIRO 3 S CRESTON I SSW NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY WEIRTON WELLSBURG 3 NE WHEELING WARWOOD DAM 12	74.2M 77.1 73.1 74.4M 75.5 73.3 73.3 73.3 74.4 71.7	45.1 42.0	58.5M 61.1 57.6 59.3M 61.3 61.6 59.7 58.3 57.8	- 1.8 - 5.0 - 2.5 - 2.4 - 2.4 - 2.7 - 3.7	90 90 91 90 92 91 90 89	10+ 10 9 9 9 9	25 24 26 27 30 30 28 25 28	2 2 3+ 2 2 2 2 2 3+ 2	206 151 239 207 148 149 143 192 227 236	1 2 1 1 1 1 0 1	000000000000000000000000000000000000000	3 5 6 3 1 1 3 6 3	00000000	.79 1.84 2.68 2.I1 1.85 .88 .99 2.30 1.95 1.72	- 3.64 - 2.36 - 1.42 - 1.66 - 2.49 - 2.71 - 1.98 - 2.22	.30 .47 .89 .62 .3R .32 .31 .72 .56	17 18 20 13 13 20 29	.0 T T .8 .0 T T	000000000		3 6 8 5 6 3 5 3 4 5	0 1 2 0 0 0 0 3 2	0 0 0 0
OIVISION			59.7	- 2.9										1.71	- 2.35			•1					
NORTH CENTRAL  BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NM MANNINGTON 1 N MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM WESTON	76.1 72.3 73.4 72.5 76.3 73.8 74.6 75.5 75.5 74.7 72.7 74.2	42.8 43.4 43.6 48.4 46.1 43.1 44.5 46.2 41.3 44.2 47.9 45.1 43.7	59.5 57.9 58.5 60.5 61.2 59.6 60.9 59.5 60.3 59.7 58.9	- 2.6 - 3.1 - 3.1 - 2.6 - 5.8 - 1.8 - 2.6	86 89 90 90 90 88 91	9 9 10	21 22 23 29 25 22 21 25 20 25 27 25 27	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	184 227 211 171 136 211 193 160 214 191 176 181	0 0 0 1 1 1 1 1 1 1 1 1 1 1	00000000000	6 6 6 5 2 3 5 6 1 6 5 2 4 3	000000000000	2 · 72 3 · 28 2 · 40 2 · 21 3 · 23 2 · 76 3 · 58 2 · 45 1 · 63 1 · 36 1 · 52 2 · 77	- 1.66 - 1.26 - 1.59 - 1.59 - 1.59 - 1.59 91 - 2.88 - 2.74 - 2.65 - 1.89	.62 .83 .89 .69 .82 .91 1.20 .81 .33 .43	17 14 14 18 14 15 14 17 18	00 05 7 100 100 100 00	000000000000000000000000000000000000000	1 1 1	7 12 6 6 8 7 9 6 7 5 5 6 8	2 1 1 3 1 2 2 0 0 0	0 0 0 0 0 0 0 0 0 0
DIVISION			59.5	- 3.0										2.43	- 1.92			• 3					
SOUTHWESTERN  CHARLESTON WB AP CHARLESTON 1 DUNLOW 5 E HAMLIN HOSSETT GALLIPOLIS DAM HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WILLIAMSON WINFIELD LOCKS DIVISION CENTRAL	73.8 74.9 75.0 74.7 73.1M 75.4 75.6 74.0 75.1 77.3 77.4 75.0 78.6 74.5	48.8 49.2 50.8 46.0 46.1 51.8 47.3 47.5 47.3 47.6 46.6 46.3 47.9 50.6 47.2	61.3 62.1 62.9 60.4 59.6M 63.6 62.1 60.7 61.3 61.2 61.8 61.6 60.9	- 2.2 - 1.7 - 1.6 - 3.4 - 2.8	91 90 90 92 92 90 91 91 90 94 89		28 30 32 27 32 31 31 30 26 24 31 32	2 2 1 2 3 + 3 + 2 2 2 2 3 +	148 128 168 182 102 125 140 144 131 133 143 89	111111111111111111111111111111111111111	0000000000000	2 1 1 2 2 1 2 2 4 1 3 2 1 2 1 2 1	00000000000000000	3 · 48 3 · 27 4 · 88 3 · 91 2 · 99 4 · 54 4 · 02 4 · 70 2 · 16 1 · 92 3 · 04 4 · 18 4 · 21 3 · 72	23 43 72 .76 .04 - 1.68 84 .67 13	1.09 1.01 1.52 .70 .92 1.45 1.17 1.54 .91 .69 .55 .98 1.10	18 17	.2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	97 111 96 88 810 85 67 78 8111 9	2 4 3 2 4 3	1 1 1 0 0 1 1 2 1 0 0 0 0 0 1 1 1
ARBOVALE 2 BAYARD BECKLEY VA HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW BRANDONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	67.4 68.3 72.4 M 70.4 M 68.8 73.4 66.7 69.6 65.1 71.3 72.2 73.4 67.5 73.5 66.2	39.3 39.7 43.8 M 41.8 M 41.6 41.7 40.1 43.1 44.5 41.7 42.0 44.8 42.2 44.8 43.5 45.4	53.4 54.0 58.1 56.1M 55.2 57.6 53.4 54.9 53.4 57.0 58.1 59.2 59.2 59.2	- 2.1 - 2.1	83 83 86 86 85, 87 81 84 79 82 88 88 88 83 86 90	9 10 9 10+ 10+ 9 16 9 10 10+ 9	22 23 22 17 22 21 23 26 22 24 25 21 26 27 27 27 27 27 27 27 27 27 27 27 27 27	3+2222222222222222222222222222222222222	364 335 213 270 309 235 365 273 317 364 245 245 2196 310 192 312 146	000000000000000000000000000000000000000	000000000000000000	7775 5558 5411 634 644 44	000000000000000000000000000000000000000	1.95 3.39 3.51 1.35 2.69 2.80 4.08 5.75 2.85 4.51 4.65 3.91 4.73 1.78	- 1.94 - 1.47 50	.76 1.06 1.32 1.83 .31 1.54 1.49 1.34 2.10 1.07 1.91 1.82 1.60 .75 1.13	15 18 17 14 28 18 14 17 18 15 18 14 18 18 18	T .00 .00 .00 .00 .00 .7 .3 .1 .00 T	T 0 0 0 0 T T T 1 1 0 0 0 1 T T 2 T	1 2	5 6 7 7 8 6 8 6 8 5 11 11 11 9 11 10 6 9	3 2 0 1 1 2 1 3 2 4 3 4 5 3 1	1 0 0 1 1 0 1 1 0 2 0 2 1
DIVISION			56.3	- 2.0										3.52	- 1.31			• 7					
SOUTHERN  ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS  DIVISION	70.7 68.5 73.4 74.5 73.7 74.0 72.3 75.6	47.1 49.6 45.6 45.4 46.7 45.5 43.5 44.3	58.9 59.1 59.5 60.0 60.2 59.8 57.9 60.0	- 3.2 - 2.9 - 2.1 - 3.0	81 83 89 88 88 89 87 89	9 10 10 9 10	27 27 31 26 28 28 25 23	2 1 3+ 2 2 3+ 2	199 198 174 167 158 167 224	0000000	0000000	3 2 2 2 3 4 5	0000000	3.39 3.33 3.08 3.09 2.19 4.09 2.88 2.47	55 - 1.04 63	1.04 .84 1.63 .80 .96 .94 1.15	29 18 29 17 18 17	7 •3 T T •0 •0 •0	T T T T O O O O	1 1 1 1 1	5 8 7 12 7 12 8 6	3 2 1 1 3 2	0 1 0 0 0
NORTHEASTERN  BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP	74.9 72.8 78.3 72.6 72.7M 74.6	44.5 43.2 50.2 46.9 M 46.7	59.7 58.0 64.3 59.8 M	- 3.5 - 2.5	93 90 95 92 92 94	9 10+ 10 10	28 25 36 29	24 2 3+ 24 24	192 226 94 190 166	2 1 3 2 1 3	0 0 0 0	3 5 0 2	000000	1.29 .95 1.99 1.46	- 2.34 - 2.08	.34 .36 .68 .79	18	T •0 •0 •0	000000		5 3 6 4 4	2	0

CONTINUED

•				Ten	perat	ure									Preci	pitation					
										No. o	of Doys					Sno	w, Sleet		N	lo, of	Doys
Station	Averoge	Averoge	Averoge	Deporture From Normol	Highest	Dote	Lowest	Dote	Degree Doys	Above 32° or Below	Min. Below Below	Totol	Deporture From Normol	Greotest Doy	Dote	Totol	Mox. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or More
MATHIAS MOOREFIELD MCNEILL PETERSBURG PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION	73.7 77.8 77.3 70.9 76.4 73.5	42.3 41.5 46.8 48.7 44.5 43.8	58.0 59.7 62.1 59.8 60.5 58.7	- 0.8 - 1.9 - 2.3 - 2.0	95 93 90 93 93	10+	22 29 30 26	3 2 2	229 186 138 201 172 212	3 C 2 C	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.65 1.61 1.07 2.71 1.87 1.62	- 1.98 - 1.22 - 2.08	•60 •53 •60 •69	17 14 18 14 18	• 2 T • 0 • 5 T • 0	0 0 0 0	1	2 6 3 5 3	1	0 0 0

		-	_			_																								007
Station	Total	-, -	2 7		4 7 5	5 T 6	7	0	9	10	11	12	Day 13	of M	lonth 15	16	7 T 1	A	10 20	2	22	23	24	25	26	27	28	29	30	31
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2	2.44 2.35 3.56 1.95	·23	.09		. 1	2 I 0	ľ	1.0	_3	10	.03	14	Т.	.30 .DT .60	•35 •08 •35 •20	10	1.	3 T	.02	7	10 .3	7		20	•05		.27 .23 .05	.19 .45 .30	.04 .23 .30	
ATHENS CONCORD COLLEGE  BAYARD BECKLEY V A HOSPITAL BECKLEY WB AP BELINGTON	3.39	.08	-,, -	-	_	_	-	-	-	+02	-27	_	•03	.06 .40 .16 -	1.06	.90 1 .02 .03 1	.26 l.	11	.02		08 .6: .30 42 T	3		.02	.02 .02 Y	•12 •20	•05 •10 •16 •49 •02	.96	.05 .09 .04 .03	
BELLEVILLE DAM 20 BELVA BENSON BENS RUN	3.36 2.26 4.06 2.T2 .79	.26 .10 .31	•12			•0					. 32	Т	. 36	.72 .23 .62	•19 •34 •03 •03	.05	.27 .	T2	.02 .	01 · Y	11 .5 31 .0:	2		,	.02 .01 T		.05 .33 .44	•10 •05 •82 •2T •06	1	
BERKELEY SPRINGS BIRCH RIVER 6 55W BLUEFIELD FAA AIRPORT BLUESTONE DAM	1.29 1.35 3.33 3.08	·15	т							T •12	T .07		.12	.16 .31 T	•11 •07 •01	.14	.24 .11 .7T	34	T -10	:	32 06 28 .0	2	т	.03 .01	.02	.5T	.06 .21 .25	•14 •65	.02	
BRANCMLANO BRANDONVILLE BRUSHY RUN BUCKEYE	3.56 2.69 1.16	.08	•05	ı		+3: T					.09		Ť	•90 •3T •15	•02 •17 •03	•10	•46 •	25 48 6T			32 .2:	3		•10	•02 •12 T	•01	.47 .54 .05	•50 •33 •12	.20 T .06	
BUCKHANNON 2 W BURNSVILLE CAIRO 3 5 CAMOEN ON GAULEY	3.28 4.01 1.84 3.5T	•11 •20 •03 •40	.02	ı							•20 •45	т	.20 .2T	•56 •43 •25 •35	*15 *10 T		.83 . 1.	39		46	32 •1 10 •3	Г		T	.01	•04	•10 •02 •18 •06	.19 .34 .14	.04, T	
CANAAN VALLEY CENTRALIA CHARLESTON WB AP CMARLESTON 1 CLARXSBURG 1	3.21 3.48 3.27 2.40	.24 .63 .02 .0T	Т	ı	٠	•11				.47	.30 T T	•06	.08 T .50	.49 .22 .69	•13 •26 •13	.01 .16 1	.09 T	10		03 .	44 T 09 .0 04 03 03	Т		T •10	.01	•14	.03 .52 .38	.27 .31 .03 .3T	•15	
CLAY 1 CLENOENIN 1 SW CRESTON 1 55W DRY CREEK	3.14 2.54 2.68 4.38 4.88	•17 •15 •10 •06		}		•0	3		ī	.03 T	.03 T		T .58	.49 .52 .41 .32	•37 •28 •22 •18	.02 .04 1 .1T 1	.02	10 52 89 36		:	08 •1 06 •0 30 •1 03 •3	9 4 T		.03 T .01	.03 .0T	•10 •T2	•12 •18 •26 •58 •52	.52 .57 .31 1.01	.0T .05	
OUNLOW 5 E  ELKINS WB AIRPORT ELLENBORO FAIRMONT FLAT TOP	2.33 1.62 2.21 5.T5	.10 .07 .09 .08				• 2				•15	•02 •05		•31 •10 •11	•31 •23 •69 •02	.01 .11		.64 .	.01 .69		05 .	38 .0 27 04 30 .0			•11 T	.05 T	T T .32	•06 •20 •4T •98	•28 •13 •06 •39		
FRANKLIN 2 NE  GARY GASSAWAY GLENVILLE 2 NE	3.09 3.23 2.76	•10 •0T •10	т			•1					•04 •19 •34		•21	•09 •14 •82 •35	+OT	•22	.36 ·	38 25 91		03 .	76 .0 18 .0	2 B		Т	•02	•22	•09 •24 •13 •45	•11 •80 •22 •25	•19	Т
GRAFTON 1 NE GRANTSVILLE 2 NW MACKER VALLEY MAMLIN MARPERS FERRY	3.50 2.42 4.03 3.91 1.51	.12 .68 .06	т			•10 T •3:					•26 •1T	т	•11	.40 .89 .T0	1.05 .81 .26		.02	99 20	.04	:	63 .0 21 .1 39	2		T •03	.06	. 05	.45 .21 .06	.1T .23 .4T .54	.05 .32	т
HARPERS FERRY NAT MONMT HASTINGS HICO HOGSETT GALLIPOLIS DAM	1.99 1.51 3.TO 2.99	•54 •12				т					-01 -17 -09	т	.27	•33 •21 •19 •91	•02 •1T •33	.05	.06 .	66		10 .	04 .0 05 .0 16 T		T	.04	.03 T	Т	•10 T	.04 .07	*10 T	
MOPEMONT MORNER HOULT LOCK 15 HUNTINGTON WB AIRPORT	2.85 3.20 1.91	.05 .06 .15	.05 T			. 25	1			•02	•10	т	.75		1.07 .08 .10	1	.00	39	:	9T 11 .	.1 33 10 .0			•05	ī	•33	.30	.39 .06		
IAEGER IRELANO JANE LEW KEARNEYSVILLE 1 NW	4.18 3.43 2.48 1.46	.0T .14 .09			·					т	•05 •75 •08 T		•30 •18	•46 •32 •29	•02	• 35	•15 •93 •22	90 15 5T 79		27 .	.0 17 .0 11 .0	4		•30	.01	.20	•24 •08 •23 •01	1.30 .31	.02	
KERMIT KEYSER LAKE LYNN LEWI5BURG 2 SSW LOGAN	4.27 - 1.43 2.19 4.02	*18 T	•02			•1					.21 .10 .01		*10	.55 .78 .30 .04	•23 •09	.OT	.96	30 11 30	•03	•	40 .0 23 30 .0 10 01 .1	4		- 03	.03	•23 •02 •09	•13 •27	.05 .33 1.17	•08	-
LONDON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MARTINSBURG FAA AP	4.TO 5.40 1.TS 1.T1 1.T3	+16	T •02		•	.03 .03	5			T •02	•23 •01		+1T	•31 •71 •37 •28 •29	.39 .0T	T			•	25	03 .2 01 .2 .0 2T .0	9 .09		•02 •05	.07 .03 .01 .02	•02 T	•28 •52 •16 •16 •07	1.08 .76 .05 .05	•20 •16	
MATMIAS MATOAKA MC MECMEN DAM 13 MC ROSS	.65 4.8T 1.3T 4.51	•02 •11 •30	т								•32 T		T .22	•10 •09 •13 •10	T •10	.40	.45 .55 1.	03	.03 .	11 12 .	41 T				т	• 30	•02	.06 1.2T .12 .61	.35	
MIOOLEBOURNE 2 ESE  MOOREFIELO MCNEILL  MORGANTOWN FAA AIRPORT  MORGANTOWN LOCK AND DAM	1.63 1.61 1.36 1.52	T •06	•04	ì	Ţ	r T				Т	•04		.30	.43 .60 .18	•20		.33 .	28		32 .	.0 11 0T .0 2T .1	2		•03	.02	•02 T	*14 *15 *14	•06 •12 •01 •05		
MT STORM NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OMPS	2.5T 2.11 1.85 4.65 1.29	• OT	+01							т	.08 .28 .25		•03	•29 •33 •26	.83 .10		•38 •	10		62 T	13 .3 .0 .0 01 .1	5			т	•02	•18	.60 .08 1.08	.8T	
PARKERSBURG FAA AIRPORT PARKERSBURG W8 CITY R PARSONS 1 SE PETERSBURG	.88 .99 3.91 1.07				•	r 11 r				т	•05		.32 .25	.05 .01	T T		•13 T	r I	•	26 31	02 03 74 •1			T •01	•01	•09		•19 •0T	.07	
PHILIPPI PICKENS 1 PIEDMONT PINEVILLE	2.85 6.04 2.71 4.09	•91				Т					T •56	T		.42 1.19 .02	•10	•12	.34	84 82 40 94	.04		10 .3 19 .1 .T	2 0 3			T T +10	-14	•18 •10 •48	.24 .24 .06	.01 .15 .02	
POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAM 22 RENICK 2 S	2.16 3.86 1.92 2.T5	•01 •14 •02 •12	•02								•10		•69	.22 .06 .54 .22	.02 .04 .22 .08	.04	.53 .44	70 43 45	т •		.2	6		•04 •02 T	•02 •07 T	•08	.09 .18 .20	.12 .67	•37 •16	
RIPLEY ROMNEY 3 NNE ROWLESBURG 1 ST MARYS SMOOT	3.04 1.8T 4.73 1.14 3.15	•30	т		Ī	r T	2			т	T •13 •0T		•50 T	.40 .60 .55	.20		. 25 .	48 31 60	.05		.0 46 15 .4	8		•08 T	*02 T	•02 T	.05 .30 .09	.14	-10 -14	
SPENCER SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE 3 NE SUTTON RESERVOIR	3.08 1.78 3.39 3.74 2.98	•47	•03			• 3 T	1				.01 .05 .18 .06	т	т	.48 .39 .30 .34	•71 •24		. 1		# 1. T	41 T	35 •1 T 06 •6 •2	4		т	•03 T		•23 •13 •15 •48 •02	.49	.05 .01 .11 .03	
TMOMAS UNION VALLEY BENO VALLEY HEAO	4.22 2.88 3.11 3.20	•35 •16		3							.31 .04	T T		•24 •10 •75	•74	•03 1	.15	15	• 02 T		09 .7 05 .2 03 .1	8 7 0			.02	•11	.12	•16 •20 •26	.18 .08 .16	
VANOALIA  WARDENSVILLE R M FARM WASHINGTON OAM 19 WEBSTER SPRINGS 1 E	2.3T 1.62 1.05 3.48	•07	.03								•05		•17 T	.50 .35	•01 •53 •01		:	69 18		.02 .	32 .0	2			T		•03	• 09 • 03 • 08	.30	
							1			1																				

# DAILY PRECIPITATION

Continued																														WEST	VIRG	1963
Station	tal													Day	of M	lonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WEIRTON WELLSBURG 3 NE WESTON WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS	2.30 1.95 2.77 1.72 2.47	.08 .13	.0	5			т				•07 •01	T • 07 • 02 • 07	Т	•05 •07 T	• 32 • 18 • 07	.24	4 02	•56	.03 .17 1.05 .61 1.27	.01	.57 .55	.10					.03 T		•06 •02 •21 •04 •23	•72 •30 •19 •22 •36	T •02 •01 •10	
WIDEN WILLIAMSON 2 WINFIELD LOCKS	2.94 4.21 4.25 4.18	•22 •15					.01					•20 •17	T		•59 •53 •56 •60	•32 •04 T •35	•20 •23 •11		•75 •37 •41 1•57			.08 .25 T	.09 .06			+04 T	T •02 •08 •11		.07 1.10 1.15 .26	• 59	.16 .23 .30	

## SUPPLEMENTAL DATA

WEST VIRGINIA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages -		Numl	per of d	ays with	precip	itation			to a c
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7 00 AM	1,00 PM EST	7,00 PM EST	Trace	6010	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
CHARLESTON W8 AIRPORT	SW	13	6.0	35++	SW	28	75	81	49	50	2	5	6	2	1	0	16	-	6.3
ELKINS WB AIRPORT	SSE	11	7.9	33++	NNW	14	84	87	52	53	2	7	5	1	0	0	15	÷	6.7
HUNTINGTON W8 AIRPORT	N	9	6.6	29++	W	28	74	79	52	53	5	3	4	3	1	0	16	-	6.7
PARKERSBURG W8 CITY		-	6.9	28	W	14	-	-	-	-	4	4	5	0	0	0	13	63	-

## DAILY TEMPERATURES

																Day	OI M	onth															9.5
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	10	19	20	21	22	23	24	25	28	27	28	29	30	31	Avera
ARBOVALE 2	MAX MIN	49	60 22	71 22	73 29	76 34	72 34	74 35	77 33	83	82	77 55	65 25	47 41	47 42	70 44	73 47	68 43	63 51	71 37	68 41	62 35	60 39	58 32	63 25	61 41	71 41	65 51	68 49	70 55	71 44	74 36	67.4
ATMENS CONCORO COLLEGE	MAX MIN	53 29	66 27	75 31	79 40	77 43	75 44	76 44	79 48	81 60	78 61	81 60	75 37	63	66 53	74 51	72 49	69 59	60 47	74 51	72 47	65 51	67 50	65 35	65 35	63 37	66 52	67 52	70 56	71 58	71 51	76 54	70 • 7 47 • 1
BAYARO	MAX MIN	52 27	58 23	78 24	75 30	76 34	70 50	70 33	75 38	83	83	70 39	57 29	62	71 49	69 37	74 43	72 41	64 50	70 42	68 44	62 33	62 43	57 32	64 25	62 35	68 50	60 49	74 48	73 56	69 50	70 42	69.3 39.7
BECKLEY V A HOSPITAL	MAX MIN	51 29	66 22	77 28	80 35	80 39	75 45	78 38	81 38	86 48	83 51	80 47	74 30	67 47	75 58	75 44	70 53	72 57	71 54	75 41	74 50	65 46	65 44	59 33	66 30	64 48	72 49	69 53	73 53	71 57	73 52	76 40	72.4 43.8
BECKLEY W8 AP	MAX MIN															73 46	69 52	70 58	68 54	74 49	67 48	66 50	59 44	58 34	65 35	56 49	72 49	57 52	70 53	71 54	71 49	75 45	
BENSON	MAX MIN	62	65 21	78 29	83 35	84 40	77 43	80 36	82 34	87 55	85 54	82 42	67 31	65 45	<b>7</b> 7 54	78 41	84	82 49	72 54	77 45	73 50	72 38	74 42	66 30	74 30	75 48	77 48	76 49	76 52	76 58	77 50	76 44	76.1 42.8
BENS RUN	MAX MIN	69	54 25	68 31	78 37	82 43	80 43	76 37	78 41		90 41	70 33				79 42	79 42	18 50	72 55	75 47	78 55		74 40	63 32	62 32	73 35	65 53	74 52	75 57	79 60	78 50	76 42	74.2 42.7
BERKELEY SPRINGS	MAX M1N	60	65 37	80 29	84 36	82 42	77 47	77 35	88 42	90 75	93 56	87 49	64 29	64 34	80 46	75 43	80 46	75 49	72 59	80 44	76 49	66 39	68 48	63 42	66 28	69 37	72 54	65 46	71 55	78 54	77 54	79 43	74.9 44.5
BIRCH RIVER 6 SSW	MAX M1N	45	53 17	64	67 30	79 34	74 41	76 33	82 33	86 46	82	75 43	63 29	61 49	75 54	69 45	76 51	76 49	69 53	74 41	66 46	68 35	68 35	69 39	69 51	61 49	75 48	67 56	75 56	72 51	75 41		70.4 41.8
BLUEFIELO FAA AIRPORT	MAX MIN	48	65 31	74 46	76 52	76 54	73 52	75 50	79 59	83 61	80 62	66 40	69 39	58 46	72 57	72 52	67 53	74 60	66 54	73 52	67 54	64 52	62 43	59 35	64 40	56 50	66 51	57 52	70 53	71 55	70 54	73 51	68.5 49.6
BLUESTONE DAM	MAX MIN	72 34	53 31	70 · 31	78 33	82 39	82 44	79 45	81 44	84	89 50	87 56	66 41	73 41	59 51	80 48	79 48	74 55	70 57	73 46	78 48	74 51	70 48	66 37	64 37	70 39	62 51	74 50	62 51	73 57	76 56	75 50	73.4 45.6
BRANGONVILLE	MAX MIN	61 28	49 22	61 26	73 35	78 39	70 45	70 35	72 43	80 60	85 59	84 38	59 27	64 36	64 52	73 35	65 45	77 43	69 52	70 49	73 50	62 34	68 39	58 33	55 26	70 36	69 50	72 50	66 54	74 57	72 52	69 40	68.8 41.6
BUCKEYE	MAX MIN	55 30	68 21	75 23	79 29	81 34	76 43	78 36	82 33	87 46	85 48	84 57	69 33	59 41	75 48	73 43	75 51	76 48	70 54	76 40	75 42	68 39	67 43	63 37	68 30	65 43	75 49	70 54	72 52	75 52	76 50	79 43	73.4 41.7
BUCKMANNON 2 W	MAX MIN	51 30	64 22	75 30	79 34	78 40	74 44	74 37	81 38	86 52	83 55	78 41	64 31	62 44	75 56	72 50	77 42	75 50	70 54	74 44	72 51	68 36	68 47	59 29	70 31	67 47	73 50	72 49	75 58	75 60	74 50	76 43	72.3 43.4
CAIRO 3 S	MAX MIN	56 34	70 25	80 31	83 38	80 43	79 45	79 39	87 40	90 52	90 55	78 44	65 33	63 45	80 59	80 45	82 51	82 53	75 57	78 46	72 52	75 41	73 46	65 36	75 32	76 44	76 52	73 51	88 55	80 60	78 50	81 45	77.1 45.1
CANAAN VALLEY	MAX MIN	47 23	56 23	72 22	75 31	75 34	69 46	69 33	76 45	81 62	81	79 39	54 25	56 40	67 47	66 39	73 43	70 39	62 48	69 46	67 44	62 29	62 43	55 29	64 21	62 40	66 47	62 50	62 51	70 55	68 50	70 38	66.7 40.1
CHARLESTON W8 AP	MAX MIN	55 34	68 28	79 37	82 44	82 49	78 55	79 45	86 47	92 65	86 65	71 43	68 36	66 57	78 59	72 49	73 54	77 54	74 58	77 48	66 46	72 42	64 47	6 I 3 4	71 32	60 54	75 51	72 61	75 60	75 58	75 54	78 47	73.8 48.8
CMARLESTON 1	MAX M1N	69	56 30	71 35	81	85 47	83 52	79 44	80	87 55	91 59	87 50	62 40	69 46	68 59	81 50	74 56	76 57	79 60	77 50	80 52	68 45	75 49	67 36	63 37	73 49	60 55	77 60	73 59	77 62	77 57	77 52	74.9 49.2
CLARKSBURG 1	MAX MIN	53 31	68 23	78 30	82 37	79 42	76 45	77 37	84 40	89 53	85 58	71 37	65 33	64 44	77 53	69 42	80 51	69 52	72 54	77 49	68 46	72 40	66 42	61 31	72 32	64 47	76 48	74 51	77 54	76 55	75 50	78 46	73.4 43.6
CRESTON 1 SSW	MAX M1N	63 34	67 24	68 24	79 30	80 39	83 41	79 38	79 37	83 40	91 51	86 49	60 33	64	60 50	51 42	8 2 4 2	80 54	72 55	67 45	88 45	67 42	74 43	65 32	62 32	72 33	71 51	75 52	71 55	78 58	76 52	72 46	73.1 42.0
OUNLOW 5 E	MAX MIN	54 32	69 33	79 47	82 50	82 55	87 52	78 49	86 54	90 63	85 64	82 46	66 39	70 54	78 58	75 52	71 45	77 59	73 54	77 53	75 52	72 49	70 47	60 38	72 40	69 52	73 53	71 57	74 59	76 60	76 58	77 51	75.0 50.8
ELKINS W8 AIRPORT	MAX MIN	46	60 23	72 27	78 34	78 38	72 48	73 39	79 39	84 58	84 56	66 35	65 32	60 46	72 50	67 42	74 46	68 48	66 53	72 45	67 40	68 38	62 46	56 33	67 31	62 46	75 50	69 55	76 54	73 56	71 53	76 45	69.6 43.1
FAIRMONT	MAX MIN	51 31	66 29	78 36	81 46	80 48	74 50	75 46	84 51	90 67	85 67	70 40	65 35	62 50	77 58	68	79 52	68 52	72 55	77 55	67 51	72 41	64 46	60 35	72 35	64 52	75 52	73 54	74 57	75 61	74 54	76 48	72.5 48.4
FLAT TOP	MAX	43 26	58 29	70 30	74 40	74 43	67 47	72 41	75 41	79 58	76 59	73 58	64 34	57 43	69 43	70 46	65 49	65 55	64 51	69 48	65 51	62 48	56 43	55 32	60 34	52 42	65 47	53 50	65 40	67 53	66 54	70 43	65.2 44.5
FRANKLIN 2 NE	MAX MIN	56 32	66 25	79 26	81 35	81 40	75 54	78 39	85 42	90 55	88 54	79 50	61 32	56 44	75 45	72 44	79 47	63 48	70 54	78 42	76 48	67 39	67 40	62 34	69 27	64 44	74 45	66 50	73 54	76 57	75 49		72.8 43.2
GARY	MAX MlN	72 33	54 26	71 28	80 33	82 41	82 47	77 46	80 42	84 43	88 48	85 56	65 42	81 43	67 54	78 51	77 51	74 56	80 58	74 47	79 48	71 49	70 48	68 38	64 35	72 36	61 37	75 56	69 53	78 56	77 58	75 48	74.5 45.4
GASSAWAY	MAX M1N	54 32	69 25	79 30	83 36	81 41	79 48	80 39	86 39	90 49	87 54	81 47	65 37	65 51	79 56	76 48	80 52	77 54	74 58	79 47	76 52	72 42	71 46	71 34	75 35	72 51	78 54	73 52	78 56	78 60	76 55	80 50	76.3 46.1
GLENVILLE 2 NE	MAX MIN	70 33	56 22	69 29	79 36	83 41	81 44	79 37	79 37	85 45	90 54	84 47	57 32	65 39	67 55	79 43	71 47	81 51	72 57	74 44	78 47	68 40	73 44	65 30	64 31	74 38	62 53	78 50	73 53	78 60	77 51		73.8 43.1
GRAFTON 1 NE	MAX MIN	· 55	63 21	77 27	80 35	82 40	74 44	78 44	83 58	88 58	87 54	82 40	63 29	67 43	77 60	74 39	80 50	79 49	71 55	76 44	74 52	70 38	73 44	64 29	70 29	69 45	74 53	76 51	76 57	78 59	74 53		74.6 44.5
GRANTSVILLE 2 NW	MAX MIN	62 25	63 33	68 33	80 35	84 43	82 46	80 39	86° 50	85 56	91 55	85 46	60 35	65 40	67 57	81 45	73 50	81 54	84 57	75 46	80 52	82 57	75 45	66 33	64 34	75 40	62 54	78 54	73 58	78 61	78 53		75.5 46.2
HAMLIN	MAX	68 35	57 27	71 31	80 38	83 42	82 48	77 39	79 41	87 48	90 53	87 49	60 36	68 44	71 58	80 41	74 51	76 57	78 58	77 43	79 51	68 44	75 45	66 34	63 34	74 41	61 55	77 59	74 59	79 61	78 57	77 48	74.7 46.0
HARPERS FERRY NAT MONMT	MAX MIN	72 37	68 36	80 36	84 44	82 43	83 56	78 46	89 51	95 63	95 68	90 53	66 39	68 44	82 49	82 49	79 51	76 55	76 61	84 50	85 55	75 48	75 50	74 44	66 37	73 46	72 53	69 53	70 56	76 62	79 57	83 63	78.3 50.2
HOGSETT GALLIPOLIS OAM	MAX MIN	65 36	56 28	71 27	80 34	83 41	82 44	88 45	89 43	83 43	56	84 49	56 40	62 40	67 58	77 50	68 48	73 56	72 59	76 48	78 48	69 45	74 46	65 35	62 36	73 39	60 56	77 57	73 59	77 59	78 55	76 50	73.1 46.1
HOPEMONT	MAX	45 26	60 22	56 25	48	47 29	69 30	65 35	70° 42	69 54	80 60	76 56	72 57	68 40	58 54	70 41	82 57	79 55	75 50	64 49	65 50	61 41	64 30	62 29	70 24	64 29	68 32	64 45	64 49	60 57	63 50	59 48	65.1 41.7
HUNTINGTON W8 AIRPORT	MAX	57 36	73 32	81 40	85 46	85 51	80 53	80 51	88 51	92 67	88 68	70 48	64 42	71 54	82 62	72 53	74 57	78 58	77 58	79 54	70 51	76 45	65 48	61 37	73 40	62 55	76 54	70 59	76 62	78 63	76 58	79 53	75.4 51.8
KEARNEYSVILLE 1 NW	MAX	74 37	47 36	<b>66</b> 32	78 41	84 44	83 53	75 43	74 52	89 64	92 57	91 52	64 34	63 37	65 50	80 45	68 50	76 50	63 59	72 50	80 53	80 43	61 46	70 44	61 29	65 40	71 53	6 9 50	66 53	69 56	76 57	78 45	72.6 46.9
KEYSER	MAX	66	51	60	70	66	65	75	84	84	92	84	72	75	80	75	73	76	72	72	72	64	75	71	70								72.7
LEWISBURG 2 SSW	MAX	58 30	68 28	76 39	79 38	82 40	<b>79</b> 53	78 51	82 42	88 55	85 54	80 58	72 35	64 46	76 43	76 44	74 53	73 57	70 57	76 44	75 50			66 38		64 49	73 52	73 54	69 53	74 58	75 52	78 45	73.7 46.7
LOGAN	MAX	68 36	59 31	73 32	81 36	85 41	84 46	79 47	83 45	87 46	92 54	87 58	58 43	71 44	70 60	82 51	79 51	74 58	81 58	77 51	81 51	69 52		65 37		74 41	60 55	78 56	72 60	79 61	78 62	77 53	75.6 48.5
					1																												

# DAILY TEMPERATURES

Continued					-	-	_		-		_	_				Dav	Of M	onth		-					-	_						MAT	9
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LONDON LOCKS	MAX	70 35	57 31	74 31	81 39	84	84	80	82 45	87	90	87 54	60	72 41	67 56	81 53	72 49	73 56	77 58	72 53	77	66 47	71 51	64 37	62	72	62	77	69 58	75 59	74 59	74 55	74.0
MADISON	MAX	69 35	57 30	73 30	80 35	85 41	85 51	79	82 44	87 45	91 53	82 53	58 41	70 42	69 59	80 50	76 51	75 57	78 59	76 50	79 51	69 47	73 47	70 37	64 37	76 39	64 54	78 59	74	77 61	77 61	76 52	75.1 47.5
MANNINGTON 1 N	MAX	54 32	69	78 28	83	83	75 41	77	85 37	91 53	88 52	79 40	68	68	79 59	76 36	81	80 46	72 55	78 42	75 50	74 48	67 35	63	72 28	73 41	76 36	75 51	77	78 44	76 51	79 43	75.8 41.3
MARTINSBURG FAA AP	MAX	48	67 37	80	85 39	84	77 52	78 44	90	92 72	94	77 42	63	67	80 50	69	79	66 49	74 54	81 50	80 47	62 42	73 45	62 41	67 31	74 39	70 50	67 50	71	80	78 55	79 48	74.6
MATHIAS	MAX	54	65 28	77	80	80	76 53	77	87	91	91	83	62	57	76 43	72		68	71 53	78 43	78 50	78 36	69 42	62	67	69	72 48	62	73	77 56	76 46	77	73.7 42.3
MC ROSS	MAX	52 27	65	64	80	80	74	78 39	81 37	86 47	85 49	83 46	72 32	52 45	74 48	74 42	70	75 52	67 53	75 39	71 45	64	65	60	67 29	64	75 51	66	68	73 57	74 53	77	71.3 42.6
MIODLEBOURNE 2 ESE	MAX	53	67	77 31	82	79 43	76 42	77	85 35	90	86	77	64	64	77	74 42	81	75 51	73 56	78 45	75 52	73 41	70 41	62	73 31	67	74 53	75 53	78 59	78	76 49	80	74.7
MOOREFIELO MCNEILL	MAX	62	66	82 25	84	85 36	79 52	79 36	88	93	95 53	92	65	66	79 46	80	88	83	74 52	80	80	71 36	69	68	72 26	70 38	77	71	78 56	78 58	80 47	77 42	77.8 41.5
MORGANTOWN FAA AIRPORT	MAX	50 31	66	78 34	83	77 48	74 48	78 42	86 50	90	86	63	68	65 51	77 55	66	80	69	73 55	78 56	67	72 45	62	60	73 34	63	73 53	73	76 60	76 60	74 54	79	72.7
MORGANTOWN LOCK AND DAM	MAX	51 31	65	77 31	81	80	74 46	77	85 42	90 57	86 58	76 41	69 33	65	80 52	73 40	80	71	73 55	78 47	69	71 41	69	61	72 33	72 45	74 51	76 53	77	77 61	75 52	77	74.2 45.1
NEW CUMBERLAND	MAX	55	67	77	81	80	72 42	75 35	85	90	88	74 40	66 32	66	77	75 39	78 42	77 46	73 55	76 48	75 52	72 43	70 38	59 32	69	73		76 44	78	78 63	73 50	76 46	74.4
NEW MARTINSVILLE	MAX	51 32	67 27	79 32	85	80 46	78 47	79	87 43	92	86 58	75 42	65	62	80 61	71 44	83	76 52	75 56	80	70 56	75	65	64	75 36	72 45	76 56	77 55	79	79 62	78 54	80	75.5 47.1
OAK HILL	MAX	68	52	69 27	78 34	83	80 45	75	79	84	88	85 55	56 33	72 36	61	76 45	73	75 45	75 56	72 44	78 45	67 47	70 49	64	61	69 37	58 51	78 53	62	75 56	77 55	79 46	72.2 44.0
PARKERSBURG FAA AIRPORT	MAX	56 35	67 30	79 37	82	77	77	76 45	86 53	91 65	82	60	63	66 52	79	70 48	80	72	74 58	78 54	70 52	75 46	62	63	71	60	74 52	71 59	78	78 60	76 51	80	73.3 49.3
PARKERSBURG W8 CITY	MAX	56 34	67 30	78 38	82	77 50	75 50	77	86 49	90	83 59	59 43	63	67	78 60	70 50	81	74 59	74 57	78 56	70 52	73	63	62	73 40	59	75 52	72 60	78 61	76 60	76 53	80	73.3
PARSONS 1 5E	XAM	54	62	76 - 28	80	80	74	74	82	88	88	87 43	64	64	75 52	75 45	79	78 48	68	70 46	68	67	67 48	61	71	70 47	76 52	68	77	78 60	76 54	78 48	73.4 44.8
PETERSBURG	MAX	58 35	75 30	82	82	84	79 59	78 43	89 45	93	93	87 54	63	64	78 49	77	82	80	75 57	81 47	80 51	68	70 47	65	75 30	71 41	77 51	75 49	77 56	80 63	79 52	78 47	77.3 46.8
PICKENS 1	MAX	46 26	58 21	72 29	73 35	74	69	70	74 40	83	81	74 41	63	60	70 55	66	72 45	70 47	64	71 41	65 48	65	59	55	58	58 47	72 46	65	72 53	71 57	69 52	73	67.5 42.2
PIEDMONT	MAX	67 32	45	65 40	78 48	83	79 57	78	79 49	85 69	88	90	61	65	67	69	76	80	70 52	68	75 51	70	59	63	58	68	59 52	70	59	73 56	77 56	74	70.9
PINEVILLE	MAX	70 33	55 28	72 28	80	83	82	79	81 42	86	89	86 54	62	78	66	79 51	78 51	71 56	77 56	73 48	79 50	68	71 51	62	65	73	60	75 56	67	77	75 58	76 50	74.0
POINT PLEASANT 5 NNE	MAX	56 31	68	79 31	82	81	77	78 41	87	91 61	88	82	62	69	80	76 44		75 56	76 56	78 47	77	75 40	70 43	62	73 35	71 49	76 54	74 57	78 58	78 60	77 51	79	75.8 46.6
RAVENSWOOD DAM 22	XAM	65	67 26	77	81	82	81	78 39	85 43	89 55	90	89	62	64	80	80	79 52	80	75 58	78 48	78 50	74	75 43	74 33	72 34	70 51	77	78	77 58	79 59	80 42	80	77.3 46.3
RIPLEY	MAX	58 33	70	81 31	85 38	85 43	81 47	82	89 41	94 53	88	82	66	68	82	78 45	80 54	77 55	76 57	79 45	70 50	76 41	72 46	69	74 33	71	78 54	72 56	78 57	80	79 51	80	77.4
ROMNEY 3 NNE	XAM	62	68	82	84 35	83	78 54	80	88	91 62	93	91 48	65	65 36	79 52	76 40	83	82	73 57	79	78 49	69	68	63	69	66	72 51	70 54	77	79 59	78 50	78 45	76.4
ROWLESBURG 1	MAX	52	65 26	76 30	80 36	79	75 42	75 39	82 41	86 55	86	80 41	64	64	76 59	72 41	80	78 48	69	75 48	74 51	68	67	61	72 32	69	77 53	72 52	77 56	75 60	74 56	79 49	73.5
SPENCER	MAX MIN	54	67	78 34	81	81	76 51	76 44	84	89 66	88	81 45	63	62	79 61	76 48	79	77 54	73 57	76 46	77 52	73 40	73 48	63	73 35	70	75 53	75 57	76 58	78 61	76 52	77 50	75.0 47.9
SPRUCE KNO8	MAX	62		58		75 50		69	66	76			65	61					61	63	71 54	78 42	64	58 31	58 32	65	67		54	72 51		67	66.2
UNION	MAX	70 30	50	35 68 27	76 31	80 36	80	80 44	78 42	83 45	87 53	84 54	73 35	70 43	60	78 46	78 49	70 53	69 57	71 43	75 49	73	75 38	73 37	64	67	62	70 53	58 53	69	74 51	76 42	72.3 43.5
WARDENSVILLE R M FARM	MAX	73 36	49	66	79 36	83 41	83	78	78 41	88	93	93 52	64	63	63	78 43	72 48	80	65	72	81	80	65	71 42	61	68	70 45	72	63	75 58		76 45	73.5 43.8
WEBSTER SPRINGS	MAX	53	67	79 30	84	81 48	78 47	79 40	84 40	89 49	90 56	85 43	68	67	76 55	75 47	79 51	77 48	71	78 44	78 50	71 42	71	65	74 32	74 50	79 48	77	80 57	80 58	78 57	82	76.4 45.4
WEIRTON	MAX	52 31	68	77 36	81	75 51	74 43	76 40	84 51	89	85 62	70 39	67	65	76 58	67 42	77	75 47	73 53	77 52	72 51	73 43	60	62	72 32	72 42	74 45	75 53	78 58	75 62	73 51	78 46	73.3
WELLSBURG 3 NE	MAX	52	65	77	81	80	72	74	85	90	86	73	66	64	78	77	78 41	77 45	73 55	77 43	76 52	73 39	71 38	60	70 28	73 38	73 46	76 47	80	78 62	74	78 42	74.4 42.2
WESTON	MAX	70 33	25 59 26	25 67 31	37 80 33	85 39	39 80 45	79 41	41 79 42	58 83 43	90 56	40 85 47	30 57 35	75 36	57 65 50	37 75 45	71 46	81 53	70 56	74 47	80 48	68	71 46	64	64 32	75 34	64 53	76 52	76 54	80 59	79 52	76 48	74.1
WHEELING WARWOOD DAM 12	MAX	66	51 28	66	71	81	72 47	72	75	84	89	84	59	68	66	78	68	78 48	66	73	77 54	67	73 41	61	61	71	70 43	73 52	75 58	78 62	76 52	74	71.7 43.8
WHITE SULPHUR SPRINGS	MAX MIN	32 59 31	72 23	31 78 28	36 82	83 37	81 34	39 81 44	42 84 38	51 89	87	86	35 72 33	39 59 47	79 50	42 77 47	76 52	72 55	73 58	79 41	78 47	70 49	70 43	70 34	68	67	74 47	73 55	71	76 59	78 54	79	75.6 44.3
WILLIAMSON	MAX	69	61	79	32 84	88	87	83	88	92	93 57	90	61	75	72	85	81 58	76 60	81 59	82 51	85 55	72 53	78 49	66 37	71 39	76 51	65 51	79	75 61	80 63		80 52	78.6
WINFIELD LOCKS	MAX	37 66	58	71	79	83	80	78	81	53 81	90	55 85	62	67	70	52 79	75	72	77	77	79	70	75	64	65	74	61	88	73	78	78	72	74.5
	MIN	36	32	32	39	45	48	44	43	45	57	50	40	37	54	50	49	57	60	50	51	47	49	37	51	37	56	56	60	59	57	50	47.2

Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ARBOVALE 2	SNOWFALL SN ON GND	T T																														
SLUEFIELD FAA AIRPORT	SNOWFALL SN ON GND	.3 T																														
BLUESTONE DAM	5NOWFALL 5N ON GND	Ţ	Т																													
BURNSVILLE	SNOWFALL SN ON GNO	T																														
CAMDEN ON GAULEY	5NOWFALL 5N ON GND	2.0	1.0																													
CHARLESTON W8 AIRPORT	5NOWFALL 5N ON GND	.2																														
CRESTON 1 55W	SNOWFALL 5N ON GND																							T								
ELKINS W8 AIRPORT	5NOWFALL SN ON GND	ř <sup>7</sup>																														
FLAT TOP	SNOWFALL 5N ON GND	.3 T																														
GLENVILLE 2 NE	5NOWFALL 5N ON GND	T T																														
HUNTINGTON W8 AIRPORT	5NOWFALL 5N ON GND	T																														
MANNINGTON 1 N	SNOWFALL 5N ON GND	1.0																														
MARTINSBURG FAA AIRPORT	5NOWFALL SN ON GND	T																														
MATHIAS	5NOWFALL 5N ON GND	.2																														
MC ROSS	SNOWFALL SN ON GND	T																														
MOOREFIELD MC NEILL	SNOWFALL SN ON GND	T																														
MORGANTOWN FAA AIRPORT	SNOWFALL 5N ON GNO	.6 T																														
OAK HILL	5NOWFALL 5N ON GND	Ť																														
PARKERSBURG FAA AIRPORT	SNOWFALL 5N ON GNO	T																														
PARKER58URG W8 CITY	5NOWFALL SN ON GND	T																														
PIEDMONT	SNOWFALL 5N ON GNO	.5 T																														
ROWLE58URG 1	SNOWFALL 5N ON GND	T															•															
5PRUCE KNO8	5NOWFALL SN ON GND	1.0	2.0																													
WEIRTON	SNOWFALL SN ON GND	.5																														
WINFIELD LOCKS	SNOWFALL SN ON GND	T																														
									1	1																						_

# EVAPORATION AND WIND

																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLUESTONE DAM	EVAP WIND MAX MIN	.17 85 69 39	75 65	77	.23 49 79 39	.19 28 87 44	.18 31 79 49	.24 43 86 51	.22 29 87 51	46 82	45 86	.11 36 87 58	.18 81 71 46	.20 34 70 45	27 60	81	.24 45 85 53	.08 24 76 59	.11 29 72 60	.21 51 79 53	.22 43 85 52	.11 34 76 56	.12 38 74 52	.17 50 70 45	.22 54 78 43		21	78	20 62	24	.08 31 79 61	38 88	76.8
CLARKSBURG 1	EVAP					. 12 45					.24				.00 136		.13 36		. 13 1 34		.06 78		.18										84.35 2074
HOGSETT GALLIPOLIS DAM	EVAP					.25 40	.16 56					.33 124						. 15 25	<b>-</b> 62		.18 46		.23 73										85.84 1685
SUTTON RESERVOIR	EVAP													* 18		.29 87			. 14 52		. 26 48		.18	.23 64						.09 30			
WARDENSVILLE R M FARM	EVAP					.22 21	.06 23		.35 .26							.21 76			.11 10				.05 14	.26 67	.11					.03 47	.22	.17 25	

			_			_			_							_	-	3-	-				1963
STATION	INDEX NO.	COUNTY	RAINAGE \$	LATITUDE	LONGITUDE	ELEVATION	TI	ME A	ES	OBSERVER		STATION	INDEX NO.	COUNTY	DRAINAGE ;	LATITUDE	LONGITUDE	ELEVATION	1	TAB			OBSERVER
	2		DR	1	2	ㅂ	TEMP.	PRECIP.	SPECIAL				A		DR	1	2	ㅂ	TEMP	PRECIP	EVAP.	SPECIAL	
ALBRIGHT ALDERSON ALPENA 1 NH ARBOVALE 2 ATHENS CONCORD COLLEGE	0102 0143 0249	PRESTON MONROE RANOOLPH POCAMONTAS HERCER	2 7 2 7 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	3020		7A 7A 7A 8A 3P		MONONGAHELA POWER CO. RASSIE L. SIMS OHER 5. SMITH MR5. NETTIE R. SHEETS CONCORO COLLEGE		MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS HATOAKA MC MECHEN OAM 13	5712 5739 5747	BERKELEY BERKELEY HAROY MERCER MARSHALL	9 9 9 7 8	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 61 15 80 44	1625	M10	MID 6P 7A 7A	-	н	FEG. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS
8AYARO BECKLEY V A HOSPITAL BELLEVILLE OAM 20 BELLEVILLE OAM 20 BELVA	0580 0633 0645	GRANT RALEIGH BARBOUR WOOD NICHOLAS	7	39 16 37 47 39 02 39 09 38 14	79 22 81 11 79 56 81 45 81 12	2375 2330 1679 600 748		7A 8A 7A 7A 7A	,	HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS RAYMOND E. PHILLIPS		MC ROSS HEADOW BLUFF 2 S MIDDLEBOURNE 2 ESE MOOREFIELD 2 55E MOOREFIELD MCNEILL	5886 5963 6163	GREENBRIER GREENBRIAR TYLER HARDY HAROY	8 9	37 59 37 53 39 29 39 02 39 09	80 45 80 40 80 52 78 58 78 54	2445 2450 750 830 800	7P		c	MO	RUSSELL 0. AHICK VED TO SMOOT -8295- JOHN W. CRUHRINE HR5. ZELLA H. VETTER MRS. JOHN W. SAVILLE
BENSON BENS RUN BERKELEY SPRINGS BIRCH RIVER 6 55W BLUEFIELD FAA AIRPORT	0687 0710 0844	HARRISON TYLER MOPGAN NICHOLAS HERCER	8 9 4	39 09 39 28 39 37 38 25 37 18	80 33 81 06 78 14 80 47 81 13	1080 644 640 1885 2805	8 A 6 P 6 P	6P 6P 1D		CLARKSBURG WATER BOARD ROBERT N. MALL H. M. RUPPENTHAL. [II SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY		MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM HT STORM NAOMA NEW CUMBERLAND	6212 6293 6362	HONONGALIA MONONGALIA GRANT RALEIGH HANCOCK	9	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	1245 825 2845 1210 750	70	7A 8A	c		FEO. AVIATION AGENCY CORPS OF ENGINEERS HRS. ELLEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTONE DAM BRANCHLANO BRANDONVILLE BRUSHY RUN BUCKEYE	1075	SUMMERS LINCOLN PRESTON PENOLETON POCAHONTAS	3 2 9	37 39 38 13 39 40 38 50 38 11	80 53 82 12 79 37 79 15 80 08	1375	8A	6A 7A 6A 7A 7A	BACH	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE HISS ILEAN WALTON		OMPS PARKERSBURG FAA AIRPORT	6591		6 7 9 6 8	39 39 37 58 39 30 39 21 39 16	80 52 61 09 78 17 61 26 61 34	950 837	6P 7A HID HID	7A HLD		н	OR. 2. W. ANKROM MILES H. MARTIN MRS. E. M. HOVERMALE U. 5. WEATHER BUREAU U.5. WEATHER BUREAU
BUCKMANNON 2 W BURNSVILLE CAIRO 3 5 CAMDEN ON GAULEY CANAAN VALLEY	1282 1328 1363	UPSHUR BRAXTON RICHIE WEBSTER TUCKER	10 5 5 4 2	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	770 680 2100	6P	6P 7A 7A 6A 6P	,	DR. ARTHUR B. GOULD JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON		PARSONS 1 SE PETERSBURG PHILIPPI PICKEMS 1 PIEDMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANDOLPH MINERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1680 1013 1281 2695 1053	6P 7P	7A 7A			FERNOW EXP. FOREST MR5. BE55 S. MOHL HR5. HAXINE LEACH MR5. NELL B. ARMSTRONG C. A. SUTER. JR.
CENTRALIA CHARLESTON W8 AP CHARLESTON I CLARK SBURG 1 CLAY 1	1570	BRAXTON KANAWHA KANAWHA HARRISON CLAY	4	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	977	9A HIO H	9A	10 (	HR5. CLARA F.HOLOEN J U.5. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY MRS. SARAH B. FRANKFORT		PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22 RENICK 2 S	7112 7207 7352	WYOMING MASON MERCER JACKSON GREENBRIER	3 8 7 8 7	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	610 2410 584 1900	5P	7A 5P 7A 7A 8A			JAMES G. MC OERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIN
CLENDENIN 1 5W CORTON CRESTON 1 SSW OAVIS ORY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	5 2	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	615 640 648 3120 1264	7A	8A 7A 7A	-	KATHERINE H. RADER HOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS HRS. RUTH E. JARRELL		RICHWOOD 1 E RIPLEY ROMNEY 3 NNE ROWLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS		36 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 12	2300 610 640 1375 650	5P 5P	6P 5P 5P 7A 5P		н .	HUGH D. WEBB CITY OF RIPLEY MISS FRANCES VANCE HRS. MAUGE C. BOLYAPD JOHN H. INGRAM
OUNLOW 5 E ELKINS WB AIRPORT ELLENBORO FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANDOLPH RITCHIE MARION MERCER	5	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07		MION	7A ID	C 1	KELLY BROWNING JU. S. WEATHER BUREAU MRS. RUBY L. GORPELL CITY FILTRATION PLANT FRED E. BOWLING		SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG 5MITHBURG 2 SMITHBURG 2	7889 8274 8278	HARRISON HARRISON DOODRIDGE DODDRIGGE RITCHIE	8	39 18 39 17 39 17 39 17 39 04	80 35 80 36 80 44 80 44 81 05	1120 1120 795 818 840		8A 7A	C		CLOSED 7-1-62 CLOSED 7-1-62 HOPE NATURAL GAS CO. MRS ANNABELLE CHILDERS HOPE NATURAL GAS CO.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3238 3353 3361	PENOLETON LEWIS MC DOWELL BRAXTON GILMER	1 4	38 39 39 06 37 22 38 40 38 57	79 18 80 31 81 33 80 46 80 49		BA 6P	7A 8A 6P 7A	C C C	GEORGE O. HAMMER EOUITABLE GAS CO- JAMES KISH W. VA. WATER SVC. CO- OICK W. BEALL		SPENCER SPRINGFIELO 1 N SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HAMPSHIRE PENOLETON GRANT NICHOLAS	9 9	38 48 39 28 38 41 39 08 38 18	81 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850	6P 8A	8A 8A 7A	c	н	w. va. water SVC. CO. HARRY L. GRACE HARRY J. GOROON FRED C. BECKER CHARLES F. GUH
GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	5 3 4	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	1501		5P 8A 7A	c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. MOORE HRS. LELA H. CARTER HRS.OPAL R. JACKSON		SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAH	8782 8807 8924	BRAXTON PRESTON TUCKER HASON TAYLOR	2	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A C		CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. HARGARET PERKINS HISS NORMA RUTH CASTO CORPS OF ENGINEERS
HAMLIN HARPERS FERRY HARPERS FERRY NAT MONMT HASTINGS H[CO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE	3 , 9 , 8 , 7	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	760		8A 7A 5P 3P 7A		W. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILDRED E.CRIST		UNION VALLEY BEND VALLEY HEAO VANOALIA WAROENSVILLE R M FARM	9068 9086 9104	MONROE RANDOLPH RANDOLPH LEWIS HARDY	7 10 10 6	37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 78 35	1975 2010 2425 1120 960		7A 7A 7A 6P 9A	C 9A		HRS.THELMA SPANGLER HRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS OAM HOPEMONT HORNER HOULT LOCK 15 HUNDREO	4264 4281 4309	MASON PRESTON LEWIS MARION WETZEL	8 11 6 6 8	38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 08 80 27	570 2490 1075 878 1034	5P	7A 7A 4P 2M	7A C	CORPS OF ENGINEERS HRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS HFGRS. LT. + HT. CO.		WASHINGTON OAH 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOO WEBSTER HANCOCK BROOKE LEWIS	8 4 8 8 6	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	6P	7A 7A 6P 6P 7A	c	н	CORPS OF ENGINEERS THOMAS W. HOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HENRY. JR.
# HUNTINGTON FED BLDG HUNTINGTON WE AIRPORT IAEGER IRELAND JANE LEW	4393 4408 4478	CABELL CABELL MC DOWELL LEWIS LEWIS	8 1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1040 1142			C	CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD		WHEELING WARWOOD OAH 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY MINGO MINGO		40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	5P 8A	7A 7A 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
KEARNEYSVILLE 1 NW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA		39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	930	5 P	8A 7A 5P 5P 7A	c	WB AGRICULTURE SER. OFF ROY A. DEMSEY POTOMAC STATE COLLEGE FOREST SUPT. WEST PENN POWER CO.		WINFIELD LOCKS	9683	PUTNAH	4	38 32	81 55	571	7A	7A		Н	CORPS OF ENGINEERS
LEWISBURG 2 SSW LINDSIDE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341	GREENBRIER MONROE JACKSON GILHER LOGAN	8 5	37 46 37 27 38 54 38 51 37 51	80 28 80 40 81 32 80 58 82 00	2000 665 720		5P 8A	0000	RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSHALL	9.5	NEW STATIONS	8295	GREENBRIER	4	37 52	BO 41	2500		7A			JOHN P JONES
LONDON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MARLINTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	6	38 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 05	995	8.8	7A BA 6P 7A	c			BECKLEY WB AIRPORT	0582	RALE 1GH	7	37 46	81 07	2504	410	MID			U.S. WEATHER BUREAU

\$ 1-BIG SANDY, 2-CHEAT, 3-GUYANDOT, 4-KANAWHA, 5-LITTLE KANAWHA, 6-MONONGAHELA, 7-NEW, 8-OHIO, 9-POTOMAC, 10-TYGART, 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climntological Datn" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of overnge daily temperatures from 65° F.

Evaporation is measured in the standard Wenther Buronu type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of tomperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snewfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations or valight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

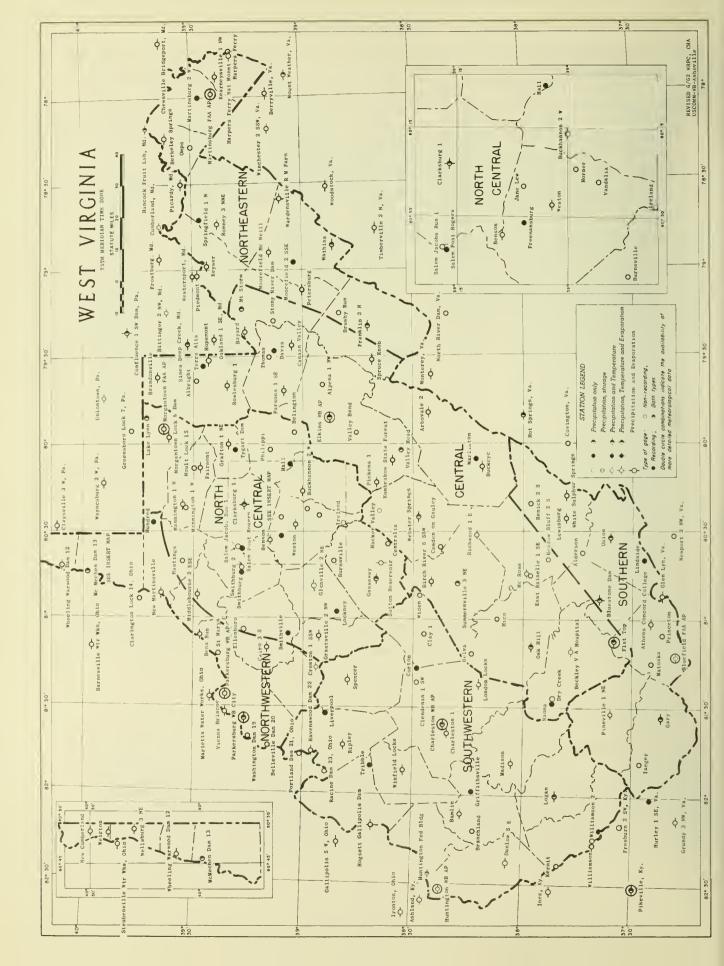
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates,
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown,
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Cbecks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---7-12-63---725



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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

SEP 5 1860

JUNE 1963 Volume 71 No. 6



#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 27th at Martinsburg FAA Airport

Lowest Temperature:  $30^{\circ}$  on the 23+ at Canaan Valley

Greatest Total Precipitation: 7.72 inches at Fairmont

Least Total Precipitation: 1.28 inches at Athens Concord College and at Bluefield

FAA Airport

Greatest One-Day Precipitation: 3.25 inches on the 21st at Kermit

### SPECIAL WEATHER SUMMARY

This cool month established new daily minima with Huntington's 47° on the 13th and Charleston's 44 on the 22d. Some heavy rains occurred causing local flash flooding and putting the Little Kanawha 5.4 feet above flood stage at Glenville the 5th and the West Fork River around one-half foot above flood stage at Weston the 4th and at Clarksburg the 5th. Mannington and New Martinsville had flash

floods on the 11th. Elkins reported quarter inch hail on the 9th.

Horace C. Dwelle Weather Bureau State Climatologist Box 986 Parkersburg, W. Va.

					Ten	perat	ure											Praci	pitation					
	Γ										1	No. of	Doy					1.00		w, Sleet	-	N	lo of I	Doys
Stotlen		Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days		32° er Below	32° ar Below		Totol	Departure From Narmal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
ORTHWESTERN  NS RUN  IRO 3 S  ESTON 1 SSW W CUMBERLAND W CUMBERLAND W MARTINSVILLE RKERSBURG FAA AIRPORT RKERSBURG FAA GITY IRTON LLSBURG 3 NE EELING WARWOOD OAM 12  OIVISION	R	80.9 84.5 81.6 81.9 83.5 81.4 82.2 82.2 82.2 82.8	54.8 52.8 55.3 57.9 58.9 56.9 56.9	67.7 69.7 67.2 68.6 70.7 70.0 70.6 69.6 68.3 68.3	- 5.3 - 1.5 - 3.6 - 2.1 - 1.9 - 2.0 - 1.6 - 2.6 - 2.3	93 91 92 95 92 93	28+ 28+ 27+ 27 26 26 26 27 27 28	41 41 43 42 46 47 48 43 38 44	21 23+ 23+ 23 22 22 22 23+ 22	35 13 34 25 13 15 14 24 30	3833755453	000000000	000000000	0000000000	4.89 4.05 3.74 4.68 7.32 4.62 4.64 3.54 5.18	- 18 - 79 2 - 1.000 - 422 2.83 - 35 - 75 - 85	1 · 48 1 · 30 1 · 16 1 · 65 2 · 55 1 · 27 1 · 35 2 · 30 1 · 18 2 · 29	5 5 4 5 11 4 4 5 11	.0	000000000000000000000000000000000000000		10 5 7 9 9 7 8 7	3 2 3 3 3 3 3 2 2 2 3	1 2 1 2 3 1 1 1 2 2
ORTH CENTRAL NSON CKHANNON 2 W ARKSBURG 1 IRMONT SSAWAY ENVILLE 2 NE AFTON 1 NE ANTSVILLE 2 NW NNINGTON 1 N OOLEBOURNE 2 ESE RGANTOWN FAA AIRPORT RGANTOWN LOCK ANO OAM STON OIVISION		83.0 79.6 80.4 79.4 82.2 81.3 80.8 82.9 82.9 82.8 81.7 80.1 81.1 81.8	54.1 53.8 55.2 56.3 54.0 53.3 55.9 56.7 57.6 55.9	68.6 66.7 67.8 68.3 69.3 67.7 67.1 69.2 68.9 68.5 68.2	- 1.6 - 2.2 - 2.6 - 3.1 - 4.9 - 2.2 - 1.5	89 91 91 92 91 92 94 92 91 93	28 26 27+ 26 27 30 27+ 27+ 27+ 27+ 27+ 27+	39 38 41 42 40 39 44 38 43 43 43	23 22 22 23 23 24 23 22 22 22 22 22 23	15 42 31 33 18 36 37 27 27 20 28 22 30	6022223643446	000000000000	000000000000	0000000000000	7.65 6.98 6.73 7.72 5.64 6.05 4.37 4.74 7.36 5.80 5.35 4.68	2.73 1.58 2.41 3.25 -91 -34 2.34 1.27 .35 1.11	2.74 2.37 2.12 1.47 2.08 1.93 1.40 1.60 2.65 1.36 1.30 2.04	4 4 4 11 4 11 5 10 11 4	*0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *	000000000000000000000000000000000000000		11 9 9 12 8 8 9 7 8 9 7	3 4 6 2 4 2 3 5 6 5 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
OUTHWESTERN  ARLESTON WB AP ARLESTON 1 NLOW 5 E MLIN GSETT GALLIPOLIS OAM NTINGTON FEO BLOG NTINGTON WB AIRPORT GAN NOON LOCKS OISON INT PLEASANT 5 NNE VENSWOOO OAM 22 PLEY ENCER LLIAMSON NFIELO LOCKS	R	80.2 82.2 80.9 82.0 81.9 83.2 81.1 83.9 82.2 81.0 84.4 84.0 85.0 81.7 85.4 81.9	57.9 59.0 58.3 56.3 61.4M 58.5 57.5 57.5 44 55.7 56.3 57.8	69.1 70.6 69.6 69.1 72.3M 69.8 71.1 69.9 69.1 69.9 69.7 70.4 69.1	- 2.4 - 1.6 - 2.6 - 2.0 - 1.9 - 3.1	93 91 93 94 94 94 94 94 95	26+ 11 10 11 11 10 10 11 27+ 11 10 30 10 11+ 11	48 46 45 47 50 44	22 22 23+ 13 22+ 22 23+ 23+ 22 23+ 22 23+ 23+ 22+ 23+ 22+ 23+ 22+ 23+ 22+ 23+ 23	26	2 4 1 4 5 2 7 4 1 7 6 10 10 4	00000000000000000	00000000000000000	00000000000000000	2.67 2.89 2.41 2.18 3.12 3.11 1.60 6.11 3.65 2.07 3.03 3.36 3.96 3.96	- 1.02 74 87 - 1.12 - 2.63 1.78 84 49 - 1.04 - 2.11	.80 .655 1.42 1.13 .82 1.86 3.04 1.18 2.00 .80 .91 1.10 1.19 .54	4 21 20 21 21 20 20 29 21 21 20 21 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	000000000000000000000000000000000000000		8644755575656554	1 3 2 1 3 4 2 2 3 2 4 2	0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1
OIVISION  ENTRAL  BOVALE 2  YARO  CKLEY V A HOSPITAL  CKLEY WB AP  RCH RIVER 6 SSW  ANOONVILLE  CKEYE NAAN VALLEY  KINS WB AIRPORT  AT 10P  PEMONT  ROSS  K HILL  ROSS  K HILL  CKWOO  MLESBURG 1  RUCE KNOB  BSTER SPRINGS 1 E  OIVISION		76.3M 75.1 77.0 75.3 76.9 76.1 80.2 72.9 76.4 71.6 M 77.2 79.0 79.5 74.1 78.8 80.4 72.5 83.9	49.4M 48.6 52.1 54.8 48.9 50.6 52.3 52.3 52.3 52.3 52.3 52.3 52.3 52.3	70.1 62.9M 61.9 64.0 65.1 62.9 64.0 65.3 64.4 61.9 M 64.8 66.6 62.5 M 67.7 62.6 69.4	- 2.6 - 2.0 - 2.6 - 2.6	85 84 84 86 89 90 84 88 79 85 89 91 83	30+ 30+ 28+ 10 28 27 28 26 26 28+ 26 30+ 27+ 27+ 26 27	33 33 38 41 35 35 37 30 38 42 41 36 42 42		98 128 63 95 97 56 173 76 110 57 42 43 102 28 111 8	0000001000000000000000004	000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	3.80 4.83 4.78 3.80 5.96 6.22 1.72 5.24 4.45 3.46 3.46 3.46 5.50 6.92 7.11 5.60	- 1.07 43 .10 .32 74 56	.82 1.87 1.46 .78 1.52 1.73 .51 1.89 1.05 1.05 1.06 1.05 1.08 1.62 1.20 1.20 1.20	30 29+ 29 11 29	.00	000000000000000000000000000000000000000		6 7 8 8 8 8 9 4 9 11 7 11 8 8 10 10 9 9	4 (2 2 4 4 4 4 1 1 4 5 1 3 7 3 2 4 3 4	0211032202211023113111
OUTHERN HENS CONCORO COLLEGE UEFIELO FAA AIRPORT UESTONE OAM RY WISBURG 2 SSW NEVILLE ION ITE SULPHUR SPRINGS OUVISION		76.9 74.8 80.8 81.6 79.7 80.3 78.4 81.5	54.9 57.0 56.1 55.1 54.8 55.4 53.0 53.7	65.9 65.9 68.5 68.4 67.3 67.9 65.7 67.6	- 2.4 - 2.6 - 2.0 - 2.7	83 90 90 88 88	10+ 26+ 29+ 27+ 27+ 29+ 11	45 47 47 41 48 42	24 22 13 22 22 23+ 22	41 46 17 18 29 23 49 21	0 0 2 2 0 0 0 1	00000000	00000000	00000000	1.28 1.28 1.76 2.51 2.63 3.67 2.79 3.58	- 1.46 89 04 - 1.32	.27 .29 .90 .83 1.08 1.48 1.23 1.10	16 21 30 3 21 21	.0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0		66355566	1 (2 (2 (2 (3 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	0 0 0 1 1
ORTHEASTERN  RKELEY SPRINGS ANKLIN 2 NF ARRERS FERRY NAT MONMT ARREYSVILLE 1 NW		81.6 79.4 84.6 80.3	55.3 51.9 59.3 55.1	68.5 65.7 72.0 67.7	- 3.8	91 95	27+ 26 27+ 29+	41 37 47 41	22	25 50 6 45	6 1 8 5	0 0 0	0000	0 0 0	3 • 8 5 3 • 8 1 6 • 9 3 4 • 6 4	1.18	1.07 .96 2.40 1.12	8	•0	0 0 0		8 9 13 8	3 4 4 4	1 0 2 1

# CLIMATOLOGICAL DATA

WEST VIRGIN

		Temperature														Precipitation											
Station										٨	10. of	Days						Sno	N	f Do							
	oge	mnm mnm	e D	rture Narmal	st				e Days	M	Nax. Min.		n.		rture Narmal	est Day			Depth		Mare	Mare					
	Averog	Avera	Avero	Depar	Highest	Dote	Lowes	Date	Degre		32° or Below	32° or Below	Below	Total	Depar	Great	Date	Tatal	Max. on Gr	Dote	.10 ar	.50 ar					
KEYSER MARTINSBURG FAA AP	81.8 80.1	M 56.5 52.1	69.2 66.1	- 2.7	96 91		43 3		22 53	7	000	0 0 0	000	5.12 4.21	1.96	1.51	3	.0	000		10	4 3					
MATHIAS MOOREFIELD MCNEILL PETERSBURG	83.0 83.2	51.8 55.1	67.4	- 1.4	93 92	27 27	37 2	23+ 23+	37 16	3	0	0	000	4.78 5.55	1.18	1.06		•0	000		8 6	5 5	1				
PIEDMONT ROMNEY 3 NNE	79.4 83.3	57.1 54.5	68.3	- 1.3	93 95	27	39	22	39 23	6	0	0	0	3.30 4.03	- •59	•98 1•50		•0	0		6 7	3	1				
WARDENSVILLE R M FAPM OIVISION	80.2	54.7	67.5	- 1.9	92	28	40	22	44	2	٥	٥	0	5 • 0 2 4 • 6 6	1.46	1.65	4	•0	0		8	4	2				

	7													Day	of M	lonth															JUHP	19
Station	Total	1	2 ]	3	J.	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23 2	24	25	26	27	28	29	30	3
REGHT ERSON ENA 1 NW DVALE 2 ENS CONCORD COLLEGE	5.30 1.81 A.88 3.80 1.28			.10 .13 .82 .16	1.12 .86 .75 .49	•19 •12 T	.12 .20 .10 .58	+0A +05	.28 .24 .18 .40 .27	•06		1.85		.04		. 26	•11				1	.76 .91 .8D .74							•1A •02 •03	•22 •20 •75	• D B	
RD LEY V A MOSPITAL LEY WB AP NGTON EVILLE DAM 20	4.83 4.78 3.80 4.9A 5.00		•36	.30 1.46 .63 .26	.07	.06 T .35	•42 •10 •10 •06 •03	•23 •06	•12 •48 T •10 •09		.38 .37 .14	1.87 .08 .01 .91 .01	Т	+03 T	T		Т	7 T		т		.42 .92 .1A .73						•62		.03 .38 .08 .72	• A 7 • 08 • 06 • 26	
A DN RUN ELEY SPRINGS M RIVER 6 SSW	3.93 7.65 4.89 3.85 5.96		•25 •04	.16 1.07 1.52	2.74 1 .63 1 .26	.73 1.10 1.48	•19 •94 •25 •18	•28 •10 •13 •08	.38 .19 .30	•17 •05 •60	•17 •25	.04 .80 .58 .77			.01	• 47					•93 •10 •01	.01 .41 .78 .23	T						•05 1•10	.24 .55 .D9 .79	•14 •05 •48	
FIELD FAA AIRPORT STONE DAM CHLAND DONVILLE HY RUN	1.28 1.76 2.38 6.22 3.A5		Т	.01 T	.4A .23	-15	.23 .03 .36 .08	•16	.31 1.03 .48 .13		*17	.05 1.73		T		.05	•29	T T		Ť	•10	.15 .90 .71 .66							T	T •D8 T	.14 T	
EYE HANNON 2 W SVILLE D 3 S EN ON GAULEY	1.72 6.98 6.58 A.05 A.85		т	.02 .A3	1.6A 2 1.19 1	.25 2.10 1.30	.05 .01 .07 .04	-20 -14 -09 -06	.15 .40 .38	•08	.07 .25 .04	.05 .28 .17 .02			.07	Т						. 42 . 42 . 65 . 69	.04					т	T .09 T .21	1.12	1.76 T T	
AN VALLEY RALIA LESTON WB AP R LESTON 1 KSBURG 1	5.24 5.04 2.67 2.89 6.73			•13	.80 .53	.03 .88 .03 .46	.03	.08 .07 .33	.26 .50	•22 •01 T	•55	1.89 .05 .03 .03	*02 T	•11 T	T •11	.15	т	Т		т	•53 •A2	.17 .23 .18 .65						Т	•08 •97	•13	•41 •11 •10 •02 •39	
1 DENIN 1 SW TON 1 SSW CREEK OW 5 E	2.91 1.73 3.74 3.13 2.A1				.48 1.16 .20	.70 .61 .98 .11	.04 .26 .29	. 26	•11 •03 •33 •05		.10	•A6 •03 •08 •17	T		т		T	+01			•03 1	.55 .46 .43							т	•11 T •23 •17 •01	•47	
NS WB AIRPORT NBORO MONT TOP KLIN 2 NE	A.A5 5.48 7.72 3.85 3.81		•18		.94 1		T •57 •12 •13 •13	.58 .01 .88 .45	.27	•75 •15	.15 .87 1.20			• 03	Т		•04				•62 •19 •48	.13 .68 .31 .04						Т	•15 •68 1•D5	.06 .32 .05	•23 •40 •56 •10	
AWAY VILLE 2 NF TON 1 NE TSVILLE 2 NW	2.51 5.64 6.05 A.37 A.74			.27	2.0A 1.93 1	•14 1•85 •28	T •03 •27 •25 •16	.01 .22 .53 .01	.67 .06 .26 .01	•26 •01 •43		T •04 •09 1•40 •25	•03		т	т	Т	•14	T		•28 •05 •26	.40 .10 .59	T •17					.08 .D5	T 1.85 •16 •D2 •12	.39 .05 .21	•83 •01	
ER VALLEY IN ERS FERRY ERS FERRY NAT MONMT INGS	5.99 2.18 4.54 6.93 7.23		•2A	.60	1.83	.44 .28	.03 .09 .20 .10	•20 •70	1.79 .23 .87 .59	T •20	•25	•21 •04 •27 •35	Ť	•07	ĭ •37	•21		7			•17	•32 •13 •28 •16	•01						•01	.86 T T	1 • 35	
ETT GALLIPOLIS OAM MONT ER T LOCK 15	4.81 3.12 7.66 6.28 7.30			•06 •36 •30	.60 .23 2.00	•76 •65	•14 •45	•07	.83 .64 .63	•48 •50	.71	.03 .03 1.66 .12 2.52				•05	•10				•01	.88 .82 .72 .38						•83 T	•04 1 1•37 •40	•19 •10		
INGTON FED BLDG INGTON WB AIRPORT ER AND LEW	3.11 1.60 A.64 5.92 5.24		•10 T	.20 .17 .32	2.30	T •58 •40	•02	.64 .39 .01 .38	.90 .15	•07	† •11 •04	•11 •02 •32 •45		т		•10	т	•05			1.86	• 31 T	.01						•23 •80 •35		•01 •75	
NEYSVILLE 1 NW IT ER LYNN SBURG 2 SSW	4.64 4.13 - 4.64 2.63			1 - 38	•88	-	•26 - •18	•03 •02 •07	.35 .53 -	- }	•02 - •16	.32 .13 1.90	- 1	-	•01 •12 T	•05	-	-	-	-	<u>T</u> 3	•29 •25 •67 •24	-		-	-	-	- (	-	.61 .10 -	-	
N ON LOCKS SON INGTON 1 N INGTON 1 W	6.11 3.65 3.91 7.36 6.37				.53 .41 1.35 1	T •55 •08 1•05		1.12	.78 .36 .63 .04	•17 •10		•12 •01 •07 2•65 2•50	T	.01	T	•63		Ť Ť			1 1 2	.97 .18 .00 .50	т					-	.01 S		•12 •18 •03 •04	
INSBURG FAA AP ITAS AKA ECHEN DAM 13 OSS	5.12 4.21 3.18 5.15 3.A6		.10	1.51 1.51	.48 .21 .36 1		•15 •06 •31 •17	•98 •25 •03 •20	•04	Т	•31	•12 •27 2•52 •13		т	T •01		•03		•11		•16 •90	.06 .60 .27							.85 .10 T	•56 •49 •01	•05 •07 •21	
LEBOURNE 2 ESE EFIELD MCNEILL ANTOWN FAA AIRPORT ANTOWN LOCK AND DAM TORM	5.87 4.78 5.35 4.68 5.02			1.06 .51 .08	1.35 1 .44 .50 .69	•05 •26 •49	.09 .15	.70	T •60 •46 •03	•55 •10 1•01	1.30	.53 .95 .34 2.04 1.73	•02	T	т	•01		т			.86 .86 .37	.26 .20 .01 .43								•52 •08 •16		
CUMBERLAND MARTINSVILLE HILL CRSBURG FAA AIRPORT	4.68 7.32 3.28 3.75 4.39			.83	.18 1 1.07 1 .85 1.00	•14 •02	•55 •01	.83 .10	•35 •38	T		1.13	Ť	*02	•04	•31		•01		•02	•13 •35	т	•01							7 •20 •32 •48	•14 •04	
ERSBURG WB CITY R ONS 1 SE #SBURG IPP1 ENS 1	4.62 5.53 5.55 4.81 6.01			.39 .55	1.35 .98 .95 1.39 1	•03	•60	•37 •20		•25 •22	.24	T 1.07 1.30 .66 .16		† •02	T T		T			•05	.28 .55	.22 .80 .84							•67 •07 •35 •02	.28 .06	.45 1.08	
MONT VILLE T PLEASANT 5 NNE CETON NSWOOD DAM 22	3.30 3.67 2.07 1.40 3.03			.82 .15	.98 .34 .62	•17 T	.03 .02 .08 .17	•13	•08 •66 •09 •03		•05	.85 .07				•04	•01	•04 •11			*16 T 1	.15								.18	-10	
CK 2 S WOOD EY EY 3 NNE ESBURG 1	2.17 4.92 3.36 4.03 7.11	+10		1.50	.48	T •60 •36 •45	•06 •29 T		.08 .70	T •06		.05 .57 1.90		+05	.05 .03						•37	.83 .21 .35							•06 T	•10 •20 •35 •57	•35 T	
ARYS T CER CE KNOB Y RIVER DAM	5.33 1.87 3.94 5.05 5.59			•35 •20	.47 1 1.08 .64 1	•70 •02	•34	-44 T	•26 •49 •16	•55	•03 •13	.02 .48 1.15		•02	•06						•74	.30 .55 .77 .30							T +06 2	•11 •02 •02 •18	T •20	
ERSVILLE 3 NE ON RESERVOIR AS N EY BEND	5.49 4.69 2.79 4.10			.04 .07 .20	1.22 1.44 1 1.16 .37	• 06 • 23 • 05	T •03	•79	- 31	-	- •42 •25	- •21 1•10	-	09	- .01	-	-	•04			1	.14 .28 .61	•02						T •46	•39 •03 •23	.63 .02	
EY HEAD ALIA ENSVILLE R M FARM	3.97 5.0° 5.02			. 60	.50 2.12 1.65	.07	.13	•58	-61	•03		•25 T •60			.05	т						• 35 • 51 • 24 • 59							•02 1	•48 •16 •30 •44	+28	

# DAILY PRECIPITATION

Continued									74	111	_	1 1		J11	11	Ω	11,	OI.	•												V1R	
Station	Total													Day	of M	lonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
MASHINGTON OAM 19 MEDSTER SPRINGS 1 E WEIRTON MELLSBURG 3 NE WESTON WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON 12	4.44 4.01 4.64 3.54 6.43 5.18 3.58 5.97 3.35 3.47			.10 .13 .11	1.32 1.05 .71 1.83	2.30 .41 1.70	.06 T		.08 .71 .28 .01 .34 .52 .88	•22	.46 .29 .37	.03 .10 .24 1.18 .20 2.29	•03	Ť	•05 •03 T •01	î •03						.28 .60 .03 .30 .54 .68 .32 .49 1.90 1.88							.40 .15 .04 .11	.72 1.73	.03 .24	
WINFIELO LOCKS	1.68				.38	.28	.04		• 39			•01										. 54								.04		

									D	ΛI	L X	- 1	Laiv.	11 1	-1112			لديا	,													JUNE	1963
Station		1	2	3	4	5	6	7	6	9	10	11	12	13	14		OI M		16	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
ARBOVALE 2	MAX MIN	73	65	63	66	72	77	77	80	81	82	80	72 50	70 51	75	70		75	79	82	76 54	68	68	78 36	82	84	85	85 46	84	80 58	85 56		76.3 49.4
ATHENS CONCORD COLLEGE	MAX MIN	74	74 48	72	67	74 57	77	79	79 62	85 55	85	84	72	70	77	74 56	70 56	65	75 56	78 51	78 57	72	74 50	78	80	82	83	79	84 58	83	82		76.9
BAYARO	MAX	73	72 45	61	66	71 57	75 59	75 59	78 61	80	83	80	71 45	69	74 52	70	71	73	75 42	77	76 50	67	67	75 33	77	81	84	83	81	84	84		75.1 48.6
SECKLEY V A HOSPITAL	MAX MIN	76 45	77	71	66	74	80	80	80	83	84	83	74	72	76 55	76 53	67	75 49	78	77	76 57	67	72 38	76 42	79	80	83	80	84	82	81		77.0 52.1
BECKLEY W8 AP	MAX M1N	76 51	75 51	61	66	74	78 59	80	79 62	83	84	75 59	66	72	77	69	62	73 47	77 51	77 53	74 61	68	72 41	77	79 53	80	82	79 62	81	81 59	82		75.3 54.8
BENSON	MAX	88	88	85	67	67	82	85	83	87	90	86	75 50	77	78 53	75 55	75 49	82	85 43	88	89 50	71 62	75 46	84	84	87	90	93	95 65	90 61	90 65		83.0
BENS RUN	MAX	79	85 56	83	69	65	78 60	61	79 62	86	88	90	78 51	68	77	82	76 49	76 46	83 52	83	86 50	75 41	75 42	76 44	78 47	87	88	91	91 65	83 63	87 65		80.9
BERKELEY SPRINGS	MAX MIN	81	73 54	62 58	74 62	78 62	83	84	74 62	88	90 70	80 62	77	77 56	81 58	76 58	76 45	82	83	85 51	80 56	72 52	77 42	84 43	87	90 48	94 52	94 55	90 66	87 66	90 62		81.6
BIRCH RIVER 6 SSW	MAX MIN	81 43	78 52	69	65	75 41	81 62	80	84 57	85 59	85	81	69 52	72 40	72 43	77 51	69 46	69	75 55	82 43	70 59	69	70 47	68 35	81	82 43	81 47	83 43	86 45	82 41	85 57		76.9 48.9
BLUEFIELO FAA AIRPORT	MAX	73 55	72 50	65 55	67	73 56	77 58	80	78 60	82 59	83	75 60	68	72	76 61	69	58	72 53	74 56	76 57	74 62	66 51	71 45	77 53	78 55	80 59	83 60	80 66	82 62	81	82 61		74.8 57.0
BLUESTONE DAM	MAX MIN	79 51	80 49	80	68	72 58	80 59	84	85 62	86 62	88	90 64	81 62	72 47	78 49	82	75 55	65 57	80 53	84 52	83 55	82 58	71 48	78 49	83 52	85 52	86 55	87 58	86 61	90 64	85 64		80 · 8 56 • 1
BRANDONVILLE	MAX M1N	75 42	78 54	68 56	64 58	63 59	68	79 60	78 61	80 61	81 66	85	73 46	58 46	71 53	75 53	70 40	74 44	78 46	79 47	82 56	75 44	63 35	70 37	81	82 45	86 48	89	88 64	85 61	84 59		76.1 51.9
BUCKEYE	MAX MIN	78 45	75 42	72 40	69 57	75 53	82	82	85 59	87 55	86 58	85 57	75 55	68	78 48	78 50	75 45	79 49	80 45	82	80 53	71 51	76 37	79 38	83 45	88	89 47	88	90 58	86 62	85 59		80.2 50.4
SUCKHANNON 2 W	MAX M1N	80 45	79 49	69 57	65	73 59	80 63	80 59	81 65	85 57	86 65	81 61	74 49	73 54	77 53	76 52	70 50	79 43	80 48	85 50	83 60	69 49	73 38	82 39	84	86 48	89 59	88 54	88 63	85 58	88 61		79.6 53.8
CAIRO 3 S	MAX MIN	85 45	87 56	75 57	66 61	79 61	85	90 62	89 63	90 62	90 65	87 64	80 51	79 47	82 53	80 53	77 51	83 47	85 52	88 52	82 52	72 47	85 41	8 5 4 1	88	90 51	92 54	93 59	93 65	87 62	91 65		84.5 54.8
CANAAN VALLEY	MAX MIN	70 42	69 42	60 52	62 45	70 55	72 58	72 62	75 60	79 51	80	79 55	65 42	65 45	70 48	66 49	64 40	70 34	75 39	75 43	72 55	65 42	6 9 30	76 30	76 36	83 38	84 40	83 39	77 57	82 52	81 52		72.9 46.6
CHARLESTON W8 AP	MAX M1N	82 50	81 60	66 55	67 59	77 61	85 62	80 65	83 65	87 61	90 72	79 64	68 53	76 48	81 60	73 59	70 56	81 53	83 52	85 55	72 67	70 50	76 44	83 45	86 52	87 55	90 57	86 62	89 66	86 63	88 66		80°2 57°9
CHARLESTON 1	MAX M1N	80 51	85 60	84 57	67 61	68 61	79 63	88 65	83 65	84 65	90 66	93 65	82 55	72 49	80 55	82 59	76 58	71 5 <b>5</b>	81 54	84 57	88 63	84 55	72 48	78 49	85 55	86 56	88 59	90 64	87 67	89 66	90 68		82.2 59.0
CLARKSBURG 1	MAX MIN	83 46	80 52	68 59	64 61	75 61	83 64	78 61	83 62	86 60	88 63	77 62	65 49	75 56	80 54	74 52	76 50	81 45	82 51	87 52	74 63	71 47	76 41	8 4 4 2	86 48	89 50	91 53	91 57	88	89 64	88 64		80.4 55.2
CRESTON 1 SSW	MAX M1N	79 46	81 46	85 52	74 58	65 61	78 60	85 60	84 60	86 60	89 60	91 61	80 48	68 45	78 45	82 52	80 51	76 47	82 47	83 50	87 55	72 50	70 43	82 43	85 45	87 48	87 52	91 54	90 58	89 63	82 63		81.6 52.8
OUNLOW 5 E	MAX M1N	83 58	80 59	76 52	67 58	78 60	84 62	83 62	83 60	88 63	91 69	85 60	75 52	77 49	80 59	78 56	71 57	78 51	83 55	83 60	80 63	70 52	74 46	81 51	86 58	85 60	85 60	83 65	87 64	85 65	87 64		80.9 58.3
ELKINS WE AIRPORT	MAX MIN	79 42	75 47	65 55	62 57	74 58	79 62	79 60	78 60	84 57	84 62	74 60	60 49	69 51	75 55	69 52	68 49	78 44	78 45	82 50	71 56	64 46	71 40	8 2 3 8	83 44	84 48	88 49	85 52	83 62	83 60	86 60		76.4 52.3
FAIRMONT	MAX M1N	82 53	78 60	67 59	63	70 60	82 64	79 64	82 63	86 64	89 62	78 61	63 48	75 54	80 58	73 56	74 50	80 47	81 54	84 55	73 64	67 46	74 42	83 46	88 53	87 55	91 57	90 62	88 66	87 65	88 67		79.4 57.2
FLAT TOP	MAX M1N	70 51	70 50	67 52	65 60	70 55	74 56	76 61	75 60	79 53	79 64	70 56	63 53	68 44	72 49	65 54	56 49	70 52	73 49	72 46	72 58	63 47	68 42	73 44	74 44	76 46	77 47	77 55	79 56	76 54	78 56		71.6 52.1
FRANKLIN 2 NE	MAX M1N	78 42	71 42	63 54	75 58	76 55	83 58	82 59	82 64	83 57	88 56	78 60	72 57	73 54	79 51	74 53	68 47	78 45	80 47	82 50	79 54	70 53	77 37	8 2 3 9	84 42	86 42	91 47	88 48	88 61	87 61	85 64		79.4 51.9
GARY	MAX M1N	82 48	83 51	82 53	73 53	70 58	79 58	83 59	85 60	84 60	89 61	90 63	81 58	74 48	79 49	83 56	74 56	65 57	79 54	82 56	85 52	82 57	73 47	80 48	85 52	87 51	87 52	90 53	86 60	89 62	88 62		81.6 55.1
GASSAWAY	MAX M1N	85 56	83 52	77 60	64 60	78 60	83 60	81 63	84 65	88 63	89 65	84 62	76 52	76 47	80 54	78 55	73 53	81 52	84 50	88 53	79 62	70 51	77 45	8 5 4 2	87 50	89 50	92 56	89 59	90 65	88 62	88 65		82.2 56.3
GLENVILLE 2 NE	MAX M1N	80 45	85 52	84 58	69 61	64 61	78 58	84 62	82 63	85 62	89 68	89 61	79 50	68 46	78 51	81 52	75 50	74 47	82 49	84 49	87 57	74 49	71 41	77 40	86 43	87 49	88 49	91 55	90 62	88 65	89 65		81.3 54.0
GRAFTON 1 NE	MAX M1N	82 45	80 50	78 51	63 60	68 61	80 62	79 59	82 63	85 59	90 66	85 61	77 60	75 53	79 55	78 52	74 42	80 42	82 48	85 48	82 42	72 45	67 45	88 46	85 39	85 44	83 52	90 56	88 65	89 62	92 65		80.8 53.3
GRANTSVILLE 2 NW	MAX M1N	86 56	87 57	86 50	70 55	66 60	80 60	87 62	85 64	86 62	90 64	92 62	80 50	69 46	78 54	83 53	94 70	73 49	83 51	85 53	88 59	74 51	72 45	78 44	86 49	88 53	90 56	94 59	91 66	83 54	84 54		82.9 55.6
HAMLIN	MAX M1N	79 49	85 51	83 51	69 53	70 61	80 62	87 61	81 61	87 63	90 65	93 64	82 55	72 46	80 49	84 54	76 57	73 52	82 51	85 55	86 62	72 55	71 45	78 45	85 50	87 53	88 58	90 61	88 64	90 64	88 66		82.0 56.1
HARPERS FERRY NAT MONMT	MAX M1N	82 50	77 59	64 59	78 62	80 62	88 60	89 65	75 60	89 62	95 68	90 63	83 59	80 57	85 60	79 57	79 52	83 52	85 57	88 57	83 58	84 69	77 47	82 48	87 52	90 57	94 60	95 61	94 68	91 69	93 68	- [	84.6 59.3
HOGSETT GALLIPOLIS OAM	MAX M1N	80 48	86 49	85 53	68 54	70 60	80 62	89 63	81 65	87 64	90 64	93 64	81 53	69 47	78 48	83 60	75 58	74 52	83 53	85 56	86 56	73 54	70 48	77 48	84 50	86 51	88 57	90 60	87 62	90 65	88 66		81.9 56.3
HOPEMONT	MAX M1N	74 39	70 46	64 50	61 51	65 54	69 55	70 57	72 59	74 57	82 60	80 55																					
HUNTINGTON FEO 8LDG	MAX M1N	87 54	85 62	71 57	69 62	79 64	89 67	84 67	89 63	90 67	94 76	82 64	70 53	80 50	83 63	78 59	74 61	85 55		86 61	76 67	73 56	78 50	85 51	88 57	90 59	92 63	89 66	88 69	87 69	91 68		83.2 61.4
HUNTINGTON W8 AIRPORT	MAX M1N	85 53	83 59	69 55	70 61	80 65	87 67	83 66	85 62	90 67	92 74	80 61	71 51	78 47	82 61	73 55	70 55	82 50	83 55	84 58	73 67	70 51	76 44	83 48	85 53	86 56	88 59	86 62	83 65	86 64	89 65		81.1 58.5
KEARNEYSVILLE 1 NW	MAX M1N	78 44	79 41	64 57	65 60	77 59	77 59	85 65	85 60	69 45	88 61	90 63	81 59	64 56	78 58	82 55	82 47	73 47	80 53	83 55	84 59	76 53	69 45	78 43	82 47	83 52	90 55	92 56	93 68	93 65	89 66		80.3 55.1
KEYSER	MAX MlN				80 47	82 55	86 59	86 68			89 62	90 61	81 52	75 55	83 55			79 48	85 51	84 52	85 53	78 48			87 42	90 90	91 54	93 57	93 69				

Continued									ע	AI.		-11	F-ITA1		TIL	7.1	OIL	LN	'												JC JC	NE 1963
Station											_					Day	Of Mo											,	1			Average
LEWISBURG 2 SSW	MAX	76	75	70	70	76	82	82	8	85	10	86	76	13	80	76	16	79	81	19	80	70	74	78	81	25 87	26 86	27	28	29	30 31	79.7
LOGAN	MIN	52	47	55	57	58	59	59	60	57	64	64	56	48	55	57	52	50 69	52	51	60	51 74	41	48	49	50	56	61	62	62	50	54.8
	MAX	55	85 54	85 54	76 55	72 62	63	63	85 64	8 <b>8</b> 64	92 66	63	83 59	74 51	83 51	85 59	78 58	58	52	53	59	58	73 50	50	52	57	90 57	60	92 66	92 66	87 67	83.9 58.2
LONOON LOCKS	MAX	80 52	84 48	85 58	69 56	70 59	80 61	87 62	83 65	81 64	91 65	92 64	82 59	71 51	79 51	82 56	76 59	72 58	81 56	85 54	87 57	74 55	71 50	81 50	50	89 55	88 58	92 60	88 6-2	88 66	90 65	82.2 57.5
MAOISON	MAX	79 52	84 53	81 53	67 53	68 60	78 62	87 63	82 64	84 65	89 66	92 63	80 57	72 50	78 51	83 56	75 57	71 57	80 53	53	85 59	72 56	70 49	77 49	84 50	86 55	87 57	89 60	63	89 65	88 66	81.0 57.2
MANNINGTON 1 N	MAX	85 42	84 49	76 59	66 61	67 61	83 59	80 62	84 63	87 61	89 63	87 62	76 49	77 51	83 52	80 49	80 45	82 41	83 50	86 48	78 49	74 43	78 39	85 38	88 44	92 47	92 50	92 54	91 67	89 64	89 64	82.8 52.9
MARTINSBURG FAA AP	MAX MIN	80 46	63 56	65 58	78 60	79 59	86 58	86 66	70 61	89 60	91 65	82 64	70 59	78 57	81 58	77 59	75 49	81 49	82 53	87 55	80 58	70 51	78 43	82 45	87 48	90 52	94 55	96 57	95 65	90 64	91 66	81.8 56.5
MATHIAS	MAX	79 47	70 39	62 53	74 58	76 54	83 56	80 58	81 62	87 59	87 70	81 59	74 55	79 53	80 54	73 55	68 43	78 41	81 47	83 55	81 53	81 55	75 36	81 38	82 40	87 45	89 48	91 51	86 60	86 59	87 60	80.1 52.1
MC ROSS	MAX MIN	77 46	78 49	66 59	63 56	75 56	79 57	79 58	80 61	84 59	84 58	84 59	74 51	71 46	75 54	72 55	68 49	75 49	78 48	80 47	79 57	67 49	73 39	78 41	80 43	83 45	85 50	82 51	84	82 59	81 59	77.2 52.3
MICOLEBOURNE 2 ESE	MAX MIN	85 46	84 55	75 60	66 61	77 61	83 60	78 62	84 64	86 63	89 65	84 63	76 50	76 53	81 55	78 53	77 49	82 46	84 53	86 51	74 63	70 46	75 43	84	87 48	87 65	91 66	91 58	83 67	90 64	89 66	81.7 56.7
MOOREFIELO MCNEILL	MAX MIN	82 39	80 45	65 56	78 60	80 54	86 55	85 59	84	88	91 64	88	80 52	77 54	82 55	76 49	76 45	81 42	83 45	86 51	85 53	72 51	77 37	84 37	86 40	88	91 46	93 49	89 61	87 63	89 63	83.0
MORGANTOWN FAA AIRPORT	MAX	84	78 60	68	65	69	78 65	78 65	84	87	87	77	61	75	80	73 55	78 50	83	84 54	88 56	75 54	68 47	74 43	84 45	87 51	90 55	93 58	92 63	86	90	88 67	80 • 1 57 • 6
MORGANTOWN LOCK AND DAM	MAX	84	79	72	67	71	81	80	83	85	90	80	75	75	81	76	76 48	81 45	84 52	86 53	76 60	72 45	75 43	83	87	88 52	91 57	91 59	86	89 64	90 65	81.1
NEW CUMBERLANO	MIN	83	56 77	58 75	71	74	86	83	63 85	88	89	79	74	53 76	80	75	77	81 48	83 50	85 51	82	72	77	81 42	87 47	89	90	92 58	91	86	89	81.9
NEW MARTINSVILLE	MIN	88	56 85	59 74	62	62 75	60 84	80	60 85	88	67 91	63 85	50 74	49 79	49 82	52 78	80	84	87	87	81	72	78	87	90	52 91	56 95	94	85	90	67 91	83.5
OAK HILL	MIN	48 79	58 81	61 80	61	62	62 78	84	65 82	65 83	67 87	62 89	50 78	56 68	57 77	56 79	51 72	48 62	56 78	53 81	80	48 75	69	48 77	50 82	55 85	58 85	62 88	84	66 87	69 84	79.0
PARKERSBURG FAA AIRPORT	MIN	47 85	54 84	54 66	65	57 79	58 87	60 80	62 85	59 90	61 91	60 80	55 69	47 77	50 81	59 76	78	52 82	51 83	51 85	58 72	50 71	75	83	46 87	90	53 92	54 89	82	60 87	61 91	54.1
PARKERSBURG W8 C1TY	MIN	49 86	62 85	62	62	63	63	66 81	66 85	67 89	67 92	58 78	52 68	79	57 81	56 76	55 77	50 83	55 84	55 87	59 72	70	47 78	48 85	54 89	57 91	59 93	65 92	68 87	65 89	66 91	58.5
PARSONS 1 SE	MIN	52	63	62	61	63 73	63	67	65	67	68	58	50 75	72	57 76	56 76	56 70	51 79	57	57 82	60 83	50 69	48	49 81	55 84	58 86	60 91	6 <sup>'</sup> 4	66 86	65 86	67 89	58.9 79.5
PETERSBURG	MIN	46	49 80	56	59	58	61	61	63	60	65	59	49	51	54	53	48	80	47 84	51	57 83	48 72	42 75	41 83	43	47 87	55 91	55 92	64	61	63	53.7 83.2
	MIN	82 43	48	55	52	56	86 56	63	85 66	90 61	91 75	87 62	78 59	78 56	84 52	55	50 67	47	50	54	56 72	52	47	43	45	49	51 82	54 83	66	65	64	55.1
PICKENS 1	MAX	78 49	71 43	66 55	60 56	71 56	76 60	77 59	77 61	53	62	74 58	68 46	67 50	73 49	62 52	46	42	45	48	59	47	36	40	44	46	48	51	53	80 54	57	50.8
PIEOMONT	MAX	76 50	81 60	70 57	60	74 62	76 64	70	80 65	63	86 68	90 62	76 50	60 52	74 58	78 54	74 50	75 50	78 54	85 56	83 60	79 46	66 42	75 46	83 50	85 54	88 53	92 59	93 68	89 66	90 64	79.4 57.1
PINEVILLE	MAX	83 49	83 51	83 51	69 51	71 58	78 58	79 59	83 62	84 62	87 62	88 61	80 61	72 48	77 48	82 52	75 55	65 55	80 54	53	82 54	80 62	73 48	78 48	84 52	86 52	78 53	87 55	60	88 63	85 64	80.3 55.4
POINT PLEASANT 5 NNE	MAX	86 46	83 55	81 55	69 59	80 62	88 58	87 63	85 65	91 62	94 72	91 61	78 47	78 43	84 54		82 55	83 46	85 56	85 52	82 61	71 49	75 41	83 42	87 49	89 51	91 55	90 59	88 65	90 62	92 63	84.4 55.4
RAVENSWOOD OAM 22	MAX MIN	85 47	82 59	84 57	67 60	79 63	87 59	87 56	87 60	89 62	90 69	92 61	79 49	77 44	83 55	83 56	76 54	82 45	87 52	86 53	84 64	71 50	71 40	84 43	89 49	90 53	90 55	91 55	88 66	87 62	94 65	84.0 55.4
RICHWOOO	MAX	79	78	70	64	76	78	81	81	84	85	74	73	73	77	76	69	77	80	81	79	70	75	82	84	85	88	88	86	84	86	78.8
RIPLEY	MAX	86 47	84 57	78 57	68 59	79 62	88 60	87 62	86 64	91 61	94 71	90 61	79 48	79 44	85 55	80 54	77 55	84 47	88 51	87 53	82 64	73 50	79 43	85 41	90 48	91 52	93 54	92 59	90 67	91 61	93 65	85.0 55.7
ROMNEY 3 NNE	MAX		77 51	65 57	79 62	81 60	86 59	85 62	80 65	89 59	90 67	88 63	80 54	77 56	84 55	79 52	75 46	82 49	85 48	85 52	81 55	72 52	78 39	85 41	87 43	91 47	94 50	95 53	94 66	86 65	90 65	83.3 54.5
ROWLESBURG 1	MAX	82 47	78 52	68 57	65	70 60	79 61	79 62	81 64	85 63	88	82 61	74 50	74 52	76 55	76 54	74 48	80 46	81 50	85 51	85 57	70 48	76 42	85 43	86 46	88 49	92 54	90 57	88 65	86 65	89 65	80.4 55.0
SPENCER	MAX	83	82 61	81 57	65	77 62	84 62	81	83	88 62	90 75	89	76 49	75 45	80 55	80 58	72 53	79 45	82 50	83 54	82 65	70 51	75 42	83 43	85 49	87 53	89 54	89 60	86 66	86 59	88 64	81.7
SPRUCE KNO8	MAX	68	70	72	59	65	70	74	78	79	80	80	70	59	65	69	68 47	70 46	72 52	73 55	77 55	73 48	60 42	70 46	74 51	74 54	80 56	83 59	82 62	82 59	80 62	72.5 52.7
UNION	MIN	78	76	74	61	73	76	82	82	56 82	58	57 88	80	71	49 75	81	74 52	62 51	79 49	81	82 54	80 56	72	75 45	78 46	81	83 47	86 54	85	87	83 59	78.4
WAROENSVILLE R M FARM	MAX	77	79	56	56	76	56 79	58	61 83	78	58 88	63	57	76	51 77	55 80	75	71	80	83	86	79	69	76	81	84	87	90	92	88	88	53.0 80.2
WEBSTER SPRINGS	MIN	84	48 84	54 74	57 74	58 79	56 83	61 83	63 84	59 92	65 94	63 88	59 78	80	57 88	55 79	73	82	84	88	82	78	78	87	88	88	51 91	53 88	88	65 87	90	83.9
WEIRTON	MIN	47 83	50 80	57 75	58 78	58 72	61 85	62 80	64 88	62 89	62 85	61 78	63	51 77	53 78	54 75	79	51 82	48 85	52 85	82	70	79	43 85	48 89	48 91	53 92	55 93	88	64 88	62 91	82.2
WELLSBURG 3 NE	MIN	47	59	59 76	62	62	61	62	61	68	65	62	48	50	59	52 75	48	51 81	53 84	52 86	64 81	43 70	45 78	43 85	49 89	55 90	60 91	62 93	69 88	68 87	68 90	56.9 82.8
	MIN	43	54	56	61	62	59	60	60	62	62	62	50	50	56	51	76	45 73	50	48	58	42 75	38 70	39 77	43 84	50	54 89	57 92	68	64 91	64	53.7
WESTON	MAX	79 47	84 48	84 53	71 60	74 61	78 62	62	80 64	85 62	89 62	90 63	80 53	62 52	79 55	90 51	52	48	48	53	54	51	44	43	45	50	53	55	60	61	64	54.5
WHEELING WARWOOD DAM 12	MAX	78 49	85 52	81 59	60	67 61	76 61	84 63	77 62	86 64	86 68	87 65	77 50	64 51	76 56	80 53	74 49	77 50	53	82 54	85 54	77	68 45	77 45	50	53	90 57	91 62	93	67	88	80.3 56.3
WHITE SULPHUR SPRINGS	MAX	77 48	77 46	73 56	73 58	79 58	84 57	83 59	85 61	87 58	89 61	85 63	75 58	76 50	81 55	75 55	72 50	79 52	81 49	82 47	81 56	75 57	76 39	82 44	85 43	87 45	88 48	91 52	61	88 63	89 62	81.5 53.7

DAILY	TEMPERATURES	
	Day Of Month	

WEST VIRGINIA JUNE 1963

																Day	OI M	onth															96
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	A
WILLIAMSON	MAX MIN	87 53	87 56	86 55	81 58	72 62	82 63	91 63	86 64	90 66	95 68	95 63	85 60	79 53	85 54	85 58	78 59	69 59	84 54	89 55	88 65	73 59	75 50	81 90	89 54	92 57	91 60	94 62	91 66	92 66	91 66		85.4 59.3
WINFIELD LOCKS	MAX M1N	80 50	85 53	84 57	69 57	69 61	79 64	85	82 63	87 64	90 65	92 64	80 55	48	79 49	59	59	74 53	83 53	85 58	63	73 56	72 49	78 48	86 49	88 56	90 58	90 61	8 8 6 4	86 67	67		#1.9 57.8

### EVAPORATION AND WIND

																I	Day o	f moi	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLUESTONE DAM	EVAP WINO MAX MIN	.18 23 89 56	37 88	. 21 28 90 54	.02 25 73 61	28 75	.13 29 83 62	.18 32 91 63	.14 18 85 65	.18 18 96 65	.20 23 95 67	37 93	87	55 84	.23 40 94 52		33 81	19 67	91	24 92	39		43 82	.19 26 87 54	32 92	.27 31 93 59	.22 26 95 61	20 95	30 92	31 99	91		5.56 921 83.3 60.1
CLARK58URG 1	EVAP W1N0			- 37	.01 39	- 42	.10	.05	.05	. 15 42	.11		.13 120			.15											.23				. 15		8 4.29 1441
HOGSETT GALLIPOLIS DAM	EVAP W1N0			.18	.01 15			.17		.18			.32 102			.03										. 22				.05			5.47 1162
SUTTON RESERVOIR	EVAP W1N0			.25	.01		.05 143		.11	.11	- 34					.13			.23				.19 56		. 25						.16		8 5.72 1411
WARDENSVILLE R M FARM	EVAP W1N0			.02 26	- 19				.14	.06 26						.09											.14						8 6.11 741

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numb	er of da	ys with	precipi	itation			unset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
BECKLEY WB AIRPORT	s	11	8.1	23++	5	28+	87	87	57	71	6	4	4	4	0	0	18	-	7.4
CHARLESTON W8 AIRPORT	5W	13	4.7	29++	WNW	11	86	88	56	63	5	3	7	1	0	0	16	-	6.5
ELKINS W8 AIRPORT	NW	10	5.5	32++	W	20	95	92	56	68	4	2	6	5	0	0	17	-	6.9
HUNTINGTON WE AIRPORT	s	13	4.9	23++	NNW	10	90	92	60	64	5	2	4	1	0	0	12	-	6.3
PARKERSBURG W8 CITY	-	-	5.3	38	NW	10	-	-	-	-	4	1	6	2	1	0	14	61	-

				Tem	perat	ure							1				Preci	pitotion					
										N	o. ef	Doys	,					Sno	w, Sleet		Z	o. of	Doys
Station	Average Maximum	Average Minimum	Average	Departure Fram Narmal	Highest	Date	Lawest	Date	Degree Days	Above W		32° or Bolow	_	Tatal	Departure Fram Narmol	Greatest Day	Date	Total	Max. Depth an Graund	Date	.10 ar Mare	.50 ar Mare	1.00 ar More
DECEMBER 1962  GRANTSVILLE 2 NW HUNTINGTON FED BLDG  JANUARY 1963	41.0 M	15•4 M	28.2 M		70	4	-16	14	1134	0	9	28	4	D 2.46 2.84	- •15	•60 •91	30+	6.4			5	3	
HOPEMONT HUNTINGTON FED BLDG FEBRUARY 1963	33.0 38.9	11.5	22.3 28.5	- 9-1	54 67	11 11	-31 -16		1315 1125	0 0	15	27 26	7 5	•92 1•53	- 2.31	•27 •66		14.0	9	29+	3 4	0	
HUNTINGTON FED BLDG PINEVILLE UNION	40.1M 38.5 37.0	22.3M 15.3 11.1	31.2M 26.9 24.1	- 7.4 -10.4	65 60 60	6 7 7	- 2 - 5 -12		957 1059 1138	000	8	28 28	1 6 5	1.53 3.09 1.22	- 1.57 - 1.57	• 56 • 60 • 30	3	9•0 11•5	4		5 9 5	1 0	0
MARCH 1963 ATHENS CONCORD COLLEGE BENS RUN GRANTSVILLE 2 NW HUNTINGTON FED BLDG KEYSER APRIL 1963	59.2 58.4M 59.0 61.4 52.3	34.7 31.8M 31.7 39.1 30.7	47.0 45.1M 45.4 50.3 41.5	2 • 5 4 • 8	79 82 84 81 80		17 19 20 25 8	15+ 15+	554 608 602 452 722	00000	oi	6	00000	5.29 7.31 D 7.07 7.86 1.80	3•58 3•70	2.04 2.73 1.75 2.12	5 5 11	1.5	0		8 9 9 10 5	4 4 5 6 1	3 4 3
HUNTINGTON FED BLDG MAY 1963	70.5	45.1	57.8	1.1	86	21+	32	5	258	0	0	1	0	1.04	- 2.52	• 26	29	•0	٥		5	0	0
HUNTINGTON FED BLDG	76.7	53.4	65.1	- 0.7	91	9	35	2	85	1	0	٥	0			1.75	17	.0	0				

# DAILY PRECIPITATION

Station	Total														Day	of M	onth																
Station	To	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OECEMBER 1962																																_	
GRANTSVILLE 2 NW HUNTINGTON FEO 8LOG SMOOT	D 2.46 2.84 4.38					• 38		•50 •02 •21		•05			.03 .05 .04		Ŧ	•01	• 05				т	•50	.60 .91 .73	+01	†04 †	•07	0 .03 .17 .81	•04 •04			•28 •78 •16		
JANUARY 1963																																	
HASTINGS HOPEMONT	2.18	0.1	T •0	,					.05	•07		-41	+16	T	.24	+14						•22 •07			•29 •03	•21 •16		т	•45 •27	• 05		• 03	•05
HUNTINGTON FEO BLOG	1.53	•05	•0				T	- 05	T	т		+11	•66	•09	•03	*14					•05				.31	*10		-14	•03	• 00	T	.03	
FEBRUARY 1963																													1				
HUNTINGTON FEO BLÖG Pineville Union	1.53 3.09 1.22	•15	•10		50	-01						•24	.20 .43	.38		† • 02	T •03				•56 •36 •30	•04 •38 •20	.06	•03	т	т	₹ •07	T •20 •07	•03 •02 •10	T			
MARCH 1963																																	
ATHENS CONCORD COLLEGE	5.29	т						1.07					•59	2 • 04		_		-18	•77		.21	.13	.06	•05				-16	.03				
BENS RUN GRANTSVILLE 2 NW HUNTINGTON FEO BLOG KEYSER	7.31 D 7.07 7.86 1.80	•03 •67	•7	'			•73 •75 •56	•17 •42 •13 •12				•08 •10	2.12	*35 1.40 T		Ť		1.55	1.15			1.08	0 •05 •15					.18	.47 .20 .02			- 41	•12 •20 •04
KEIJEK	1.00							*12					• • •	•							• • • •					İ							
APRIL 1963																													İ				
HUNTINGTON FEO BLOG LAKE LYNN	1.04 2.51	•11 •05	•10	т		•06 •05				•02	.18 .30				•01			- 05		. 58		+01 +15		•14	•12 •92						+26	•05 •14	
MAY 1963																																	
HUNTINGTON FEO BLOG	-						.31								. 75	• 36	-04		1.75	_	-	_	-	-	-		•04		.10	.59	-12		

## DAILY TEMPERATURES

WEST VIRGINIA OELAYEO DATA

																															OFL	AKO	
Station																Day	OI Mo	onth															6
Station		1	2	3	4	5	8	7	0	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	10	Ave
DECEMBER 1962																									-11	-							
GRANTSVILLE 2 NW	MAX MIN	68 20	67 18	67 18	70 19	61 35	45 28	30 24	32 6	41	36 10	22 14	19 - 5	14	14 -16	28 -14	45 12	34 27	48	55 19	60 29	30	45 33	39 33	41 16	28 17	40 26	39 18	33 16	42	43		41.0
HUNTINGTON FEO BLOG	MAX MIN												13	18	29 18	48 16	39 34	54 31	61										44 24				
JANUARY 1963																																	
HOPEMONT	MAX MIN		23	32 1	31 20	35 1		32 15	35 30	44 31		54 40		48	15								41										33.0 11.5
HUNTINGTON FED BLDG	MAX	30	36 16	38 17	48 30	42 28	43	40 32	35 30	62 35	60 40	67 50	5 I 34	34 13	29 11	36 19	43 15	52 19	54 28	45 29	47 17	17	47 13	- 47 - 8	-16	- 1	27 16	24 1	17 - 8	38 - 4	37 29	35 23	38.9
FEBRUARY 1963	1																																
HUNTINGTON FEO BLDG	MAX				44 36	61 28	65 27	41 31	31 16	36 24	44 33	43 29	29 22	29 19	30 13	22 18	31 4	47 15	55 23	42 34	53 29		16 - 2	40		52 29			48				76.7 53.4
PINEVILLE	MAX M1N	36 28	35 32	42 19		51 12	55 23	60 23	49 26	35 20	39 24	39 28	41 25		30 14		- 22 - 5	34 - 5	44	49 16	40 32		23	20		38 25		25 - 3				- }	38.5
UNION	MAX				30 8	45 10	50 17	60 22	52 20	36 18	35 16	41 20	39 21	30 13	29 6	30 1	22 -10	28	41 6	46 15	37 27	47 14	23 - 8	20 - 2	37 7	40 20	52 21	25 -12	36 5				37.0 11.1
MARCH 1963		Į.																														ų	
ATHENS CONCORO COLLEGE	MAX		50 19	55 26	67 35	63 50	58 31	43 30	51 29	56 34	54 37	46 29	59 35	68 43	65 35	51 17	60 35	70 38	69 41	60 43	59 36	39 24	31 23	58 18	68 34	69 43	68 43	59 38	65 37	72 38	79 43	77 58	59·2 34·7
BENS RUN	MAX		41 26	38 19	58 25	47 32	58 37					47 25			68 33			61 31		51 32	60 36						76 38	60 38		75 34	82 44	70 45	58.4 31.8
GRANTSVILLE 2 NW	MAX	46 30	46 27	46 20	63 25	50 31	62 39	51 37	46 28	56 26		52 27			72 35			63 33		53 34	62 41	43 29	33 29	38 21	57 26		78 39	63 35		77 33	84 40	75 45	59.0 31.7
HUNTINGTON FEO 8LOG	MAX M1N		43 29	65 25	71 37	63 50	57 33	48 36	57 37	60 36		56 37			54 36			75 53		75 45	54 37	38 28	43 27	60 25	71 35		58 39	66 40			74 54		40.1
KEYSER	MAX					47 25			41 25						60 32			54 34		55 32	53 29				50 36			63 37					52.3 30.7
APRIL 1963																																	
HUNTINGTON FEO BLOG	MAX MIN				69 42	57 32	71 33	72 39	64 40	62 44	53 34	62 33	63 35	54 41	56 41	64 33	66 33	86 53	84 68	83 66	77 54	86 46	75 55	76 43	57 40	66 38	70 46	73 41	79 48	68 59	65 38		61.4 39.1
MAY 1963	}																																
HUNTINGTON FEO 8LOG	MAX MIN					88 55									81 60																		70•5 45•1

# SNOWFALL AND SNOW ON GROUND

Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEBRUARY 1963 PINEVILLE	SNOWFALL SN ON GNO	1.0	т	ī	т								2.0	3.0	Т 3	2	Т	1	т	2.0	T	T	T			T	1.0	T	T			

CTATION	C NO.	COUNTY	AGE 1	TUDE	TUDE	NOLL	TI	ERVA ME A			CTATION	K NO.	COUNTY	AGE ‡	TUDE	TUDE	NOL	1	SERV IME TAB	AND		
STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ALBRIGHT ALDERSON ALPEMA 1 MW ARBOVALE 2 ATHENS CONCORO COLLEGE	0102 0143 0249	PRESTOM MOMROE RAMOOLPH POCAHOMTAS MERCER	2 7 2 7 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	2730	5P	7A 7A 7A 8A 3P		MOMOMGAHELA POWER CO. RASSIE L. SIMS OMER S. SMITH MRS. METTIE R. SHEETS CONCORO COLLEGE	MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEM DAM 13	5712 5739 5747	BERKELEY BERKELEY HAROY MERCER MARSHALL	9 9 9 7 8	39 24 39 28 38 52 37 25 39 59	77 59 78 00 78 52 81 15 80 44	537 535 1625 2580 655	M10	6P 7A 7A	0	. н	FED. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS
BAYARD BECKLEY V A HOSPITAL BELINGTOM BELLEVILLE OAM 2D BELVA	0580 0633 0645	GRAMT RALEIGH BARBOUR WOOD NICHOLAS	9 7 10 8 4	39 16 37 47 39 02 39 09 38 14	79 22 81 11 79 56 81 45 81 12	2375 2330 1679 600 748	6P	7A 8A 7A 7A 7A		HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF EMGINEERS RAYMOND E. PHILLIPS	MC ROSS MEADOW BLUFF 2 S HIDOLEBOURME 2 ESE MOOREFIELD 2 5 SE MOOREFIELD MCNEILL	5886 5963 6163	GREENBRIER GREEMBRIAR TYLER HAROY HAROY	4 4 8 9	37 59 37 53 39 29 39 02 39 09	80 45 80 40 80 52 78 58 78 54	2445 2450 750 830 800	5P 7P 6P	5P 7A 7P 6P	c	МО	RUSSELL O. AMICK IVEO TO SMOOT -8295- JOHN W. CRUMRIME MRS. ZELLA H. VETTER MRS. JOHN W. SAVILLE
BEMSOM BENS RUN BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELO FAA AIRPORT	0687 0710 0844	HARRISOM TYLER MORGAM MICHOLAS MERCER	10 8 9 4 7	39 09 39 28 39 37 38 25 37 16	80 33 81 06 78 14 80 47 81 13	1080 644 640 1885 2805	8 A 6 P	4P 8A 6P 6P		CLARKSBURG WATER BOARO ROBERT N. HALL H. M. RUPPEMTHAL. III SOUTHEASTERM GAS CO. FEO. AVIATION AGENCY	MORGANTOWN FAA AIRPORT MORGAMTOWN LOCK AND DAM MT STORM NADMA MEW CUMBERLAND	6212 6293 6362	MONONGALIA MONONGALIA GRAMT RALEIGH HANCOCK	6 6 9 4 8	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	1245 825 2845 1210 750	MIO 7P	MIO 7A 8A 6P			FEO. AVIATIOM AGENCY CORPS OF ENGINEERS MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTOME DAM BRANCHLAND BRANDONVILLE BRUSHY RUM BUCKEYE	1075 1083 1204	SUMMERS LIMCOLM PRESTOM PENDLETON POCAHOMTAS	7 3 2 9 7	37 39 38 13 39 40 38 50 38 11	80 53 82 12 79 37 79 15 80 08	1388 600 1798 1375 2100	8A	8A 8 7A 8A 7A	BA C	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAM WALTON	NEW MARTINSVILLE OAK HILL OMPS PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY	659I 6674 6849	WETZEL FAYETTE MORGAM WOOO WOOO	8 7 9 8 8	39 39 37 58 39 30 39 21 39 16	80 52 81 09 78 17 81 26 81 34		6P 7A MIO MIO			н :	OR+ Z+ W+ AMKROM MILES H+ MARTIN MRS+ E+ M+ HOVERMALE U+ S+ WEATHER BUREAU U+5+ WEATHER BUREAU
BUCKHAMMON 2 W BURMSVILLE CAIRO 3 S CAMOEM OM GAULEY CANAAM VALLEY	1282 1328 1363	UPSHUR BRAXTOM R1CHIE WEBSTER TUCKER	5 5 4	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	1445 770 680 2100 3250	6P	6P 7A 7A 6A 6P		OR- ARTHUR B. GOULO JOHN W. BROWN EUREKA PIPE LIME CO. HOWARO FLETCHER BEN F. THOMPSON	PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEOMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANOOLPH MIMERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1680 1013 1281 2695 1053	5P 6P 7P 8A	5P 7A 7A 7A 8A	1		FERNOW EXP. FOREST MRS. BESS S. MONL MRS. MAXIME LEACM MRS. NELL B. ARMSTRO C. A. SUTER. JR.
CEMTRALIA CHARLESTOM WB AP CHARLESTOM 1 CLARK5BURG I CLAY I	1570 1575	BRAXTOM KAMAWHA KANAWHA HARRISON CLAY	4 6	38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	MIO M	9A		MRS. CLARA F.HOLOEN  J.S. WEATHER BUREAU  W. VA. WATER SVC. CO.  HENRY R. GAY  MBS. SARAH B. FRANKFORT	PINEVILLE POINT PLEASANT 5 NME PRINCETON RAVENSHOOD DAM 22 RENICK 2 S	7112 7207 7352	WYOMING MASOM MERCER JACKSOM GREEMBRIER	3 8 7 8 7	37 36 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	610 2410 584 1900	7A 5P 4P	7A 5P 7A 7A 8A		н	JAMES G. MC OERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO CORPS OF ENGINEERS MRS. MARY V. MC FERR
CLEMOENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	5 2	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	615 640 648 3120 1264	7A	7A 7A	c	KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARO R. LYMCH MRS. MARY L. OUMAS MRS. RUTH E. JARRELL	RICHWOOO RIPLEY ROMNEY 3 NNE ROWLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSOM HAMPSHIRE PRESTON PLEASANTS	8 9 2 8	36 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 12	2300 610 640 1375 650	6P 5P 5P 7P	6P 5P 5P 7A 5P		н	DAYTON C.WEBB CITY OF RIPLEY MISS FRANCES VAMCE MRS. MAUGE C. BOLYAR JOHN H. IMGRAM
OUNLOW 5 E ELKIMS WB AIRPORT ELEMBORO FAIRMOMT ELAT TOP	2718 2746 2920	WAYNE RAMOOLPH RITCHIE MARION MERCER	10	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	805	5P H10 H H10 H	10 7A 10	С	KELLY BROWNING U. 5. WEATHER BUREAU MRS. RUBY L. GORPELL CITY FILTRATION PLANT FREO E. BOWLING	SALEM JACOBS RUN I SALEM POST ROGERS SMITHBURG SMITHVILLE	7889 8274	HARRISON HARRISOM OOOORIOGE RITCHIE	8	39 18 39 17 39 17 39 04	80 35 80 36 80 44	1120 1120 795		8A	0		CLOSEO 7-1-62 CLOSEO 7-1-62 HOPE MATURAL GAS CO.
RANKLIM 2 NE REEMAMSBURG JARY JASSAWAY JENVILLE 2 ME	3238 3353 3361	PEMDLETON LEWIS MC OOWELL BRAXTOM GILMER	9 6 1 4 5	38 40 39 06 37 22 38 40 38 57	79 19 80 31 81 33 80 46 80 49	1030	8A 6P	7A 8A 6P 7A	0000	GEORGE D. HAMMER EOUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. 1 OICK W. BEALL	SPEMCER SPRIMGFIELO I N SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE 3 ME	8409 8433 8536	ROAME HAMPSHIRE PEMOLETON GRANT NICHOLAS	5 9 9 9	38 48 39 28 38 41 39 08 38 18	8I 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850	6 P 8 A	8A 8A 8A	c	н	W. VA. WATER SVC. CO HARRY L. GRACE HARRY J. GOROON FRED C. BECKER CHARLES F. GUM
GRAFTOM 1 ME GRAMTSVILLE 2 NW GRIFFITHSVILLE MACKER VALLEY MALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	10 5 3 4	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	1230 730 950 1501 1375	88	5P 8A 7A	c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN B. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON	SUTTOM RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM	8924	BRAXTON PRESTOM TUCKER MASON TAYLOR	4 2 2 4 10	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A C		CORPS OF EMGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKIN MISS MORMA RUTH CAST CORPS OF ENGIMEERS
IAMLIM IARPERS FERRY IARPERS FERRY NAT MONMT IASTIMGS (ICO	3927 3932 3974	LIMCOLN JEFFERSOM JEFFERSOM WETZEL FAYETTE		38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	642 405 220 760 1970	5P	8A 7A 5P 3P 7A		W. VA. WATER 5VC. CO. MISS ELEAMOR J. WHITE NATIONAL PARK SERVICE HOPE MATURAL GAS CO. MRS MILOREO E.CRIST	UNION VALLEY BENO VALLEY HEAO VANOALIA WAROENSVILLE R M FARM	9086 9104	MONROE RAMOOLPH RANOOLPH LEWIS HAROY	7 10 10 6	37 36 38 46 38 33 38 56 39 06	60 32 79 56 60 02 60 24 78 35	1975 2010 2425 1120 960	7A 9A	7A 7A 7A 6P 9A	9A ,		MR5.THELMA SPANGLER MRS VIOLET L. SWECKE KEMT SWECKER CLARK5BURG WATER BOA UNIVERSITY EXP. STA.
IOGSETT GALLIPOLIS OAM HOPEMONT HORMER HOULT LOCK 15 HUMDREO	4281	MASOM PRESTON LEWIS MARION WETZEL	11	38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 08 80 27	570 2490 1075 678 1034	5P	7A 7 7A 4P 2M	7A C	CORPS OF ENGINEERS MASS HARRIET SHARPS CLARKSBURG WATER BOARO CORPS OF ENGINEERS MEGRS LT + HT CO	WASHINGTON OAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOD WEBSTER HANCOCK BROOKE LEW15	8 8 6	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	5P 6P 6P 7A	7A 7A 6P 6P 7A			CORPS OF ENGIMEERS THOMAS W. MOORE C. E. STETSON MISS OORIS J. PFISTE J. ARTHUR HEMRY. JR.
HUNTINGTOM FEO BLOG HUNTINGTOM WB AIRPORT LAEGER RELANO JANE LEW	4393 4408 4478	CABELL CABELL MC OOWELL LEW15 LEW15	1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1040 1142			С	CORPS OF ENGINEERS 1 JU. 5. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD DAM I2 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9554	OHIO GREEMBRIER CLAY MINGO MINGO	8 7 4 I 1	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	8A 5P 8A	7A 7A 8A 8A 7A	1	н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHE NORFOLK + WESTERN RY MRS. WILMA E. ROBERT
KEARNEYSVILLE 1 NW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	I 9 10	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	550 620 930 3210 900	5P 5P	8 A 7 A   5 P 5 P 7 A	C	WB AGRICULTURE SER. OFF. ROY A. OEMPSEY POTOMAC STATE COLLEGE 1 FOREST SUPT. WEST PENN POWER CO.	WINFIELD LOCKS	9683	PUTNAM	4	36 32	81 55	571	7A	7A :		н	CORPS OF ENGINEERS
LEWISBURG 2 SSW LINOSIOE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341	GREENBRIER MONROE JACKSON GILMER LOGAN	7 8 5	37 46 37 27 38 54 38 51 37 51	80 28 60 40 81 32 80 58 82 00	2185 2000 665 720 664	5P	5P 8A	0000	RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UIT HOPE NATURAL GAS CO. COY E. MARSHALL	NEW STATIONS SMOOT	B295	GREENBRIER	4	37 52	80 41	2500		7A			JOHN P JONES
ONDON LOCKS ADISON ANNINGTON 1 N ANNINGTON 1 W ARLINTON	5563 5621 5626	KANAWHA BOONE MARION MARION POCAHONTAS	6	36 12 36 03 39 33 39 32 36 I3	81 22 81 49 80 21 80 22 80 05	623 675 975 995 2150	8A 6P	7A 6A 6P 7A	c	CORPS OF ENGINEERS J. E. CURRY J. JAMES N. MORGAN ORA G. FROST CECIL A. CURRY	BECKLEY WB AIRPORT		RALE IGH	7	37 46	81 07	2504	міо	410		J	U.S, WEATHER BUREAU

SHAMING C-PONTONNEERS F-HERS G-DASOS S-PONTONCS IN-THARRY IS-1000H200H2

### CORRECTIONS

January 1963 Climatological Data Table Lewisburg

January 1963 Daily Precipitation Table Lewisburg

Correct as follows. Total Precipitation, 1.76 lnches; Number of days of Precipitation 0.10 or more, 3, 0.50 or more, 1; 1.00 or more, 1.

Total Precipitation on 31st 0.00; Monthly Total 1.76 Inches.

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologisi at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near you.

Figures and letters fullowing the station nume, such as 12 SSW, indicate distance in miles and direction from the push office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasumal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this balletin.

Stations appearing in the ladex, but for which data are nut listed in the tables, either are missing or were received two late to be included in this issue,

Divisions, as used in "Climatulogical Data" Table and on the maps, became effective with data for January 1957,

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Munthly degree day totals are the sums of the negative departures of average daily temperatures frum 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes uf temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry,

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

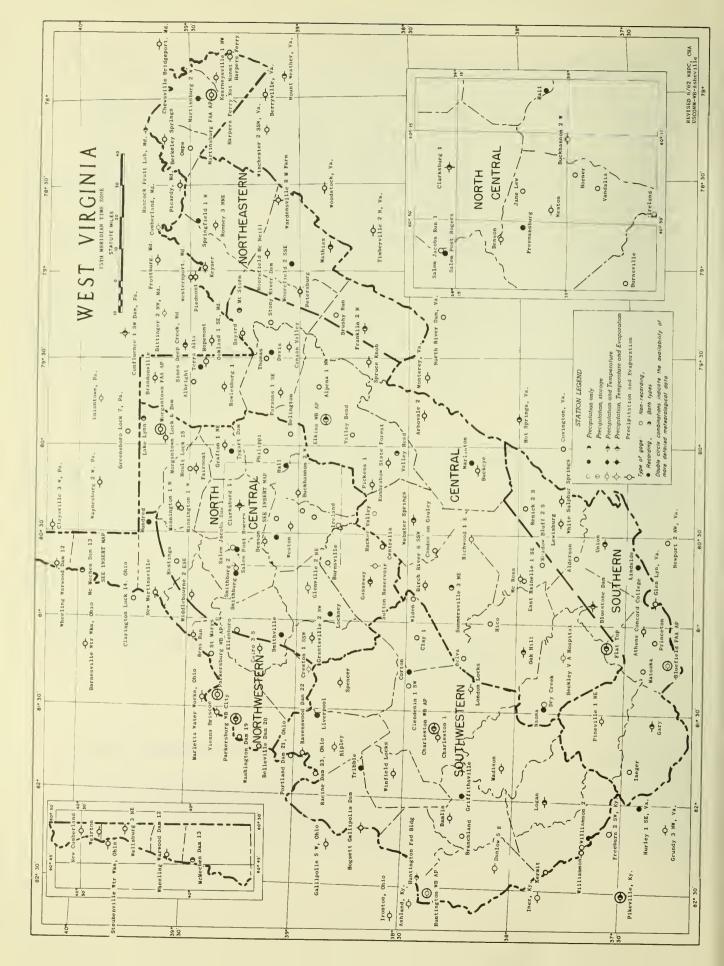
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain,
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of oew soowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later io Hourly Precipitation Data.)
- SS This entry in time of observation column io Station Index means observatioo made near suoset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

Geoeral weather conditions in the U.S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-ANATONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documeots, Government Priotiog Office, Washington 25, D.C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superiotendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---8-23-63---725







1.05 YWA

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

JULY 1963 Volume 71 No. 7



OCT 2 - 3

ASHEVILLE: 1963

CCT 2 4 196

CHANGESTA DE HTT.

### WEST VIRGINIA - JULY 1963

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 27th at Williamson

Lowest Temperature: 32° on the 10th at Canaan Valley

Greatest Total Precipitation: 9.37 inches at Thomas

Least Total Precipitation: 0.70 inch at Grafton 1 NE

Greatest One-Day Precipitation: 4.03 inches on the 3d at Thomas

### SPECIAL WEATHER SUMMARY

The first half of the month was below normal as to temperature and precipitation. Minima records for several dates were established at Charleston and Huntington, several northern stations dipped into the thirties, and Elkins reported frost on the 4th. Not since 1891 has there been a July with such a string of cool nights. The last half of the month had warm humid air from the south replace the northern dry air, averaging near nor-

mal temperatures and near or above normal rainfall.

H. C. Dwelle Weather Bureau Meteorologist in Charge Weather Bureau Office Box 986 Parkersburg, West Virginia

																					JI	JLY	1963
				Ten	pera	ture			i								Preci	pitatian	41 .				
Stotlon				76					2	M		Doy	-		76	Day		300	w, Sleet		.	0 07	Doys
	Average	nimum	erage	Departure From Norm	ghest		west	a l	gree Da	8 2	8 9	3 2	8 2	70	Departure From Norm	eatest De		7	Ground Ground	2	or Mor	or Mar	30 or Mo
	4 3	4 ž	4	9 5	High	Pog	100	500	Degr	90. V Pr	ER	No.	. 4	5	S E	Š	Date	Total	% & 8	Dog	10	S.	0.7
NORTHWESTERN  BENS RUN CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLANO NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG FAA CITY WEIRTON MELLSBURG 3 NE WHEELING WARWOOO OAM 12	84.1 85.6 84.1 M 84.6 86.0 84.0 84.0 85.1 86.0 84.3	58.0 56.9 56.9 M 58.4 60.5 61.8 60.0 56.0 60.4	71.1 71.3 70.5 M 71.5 73.3 72.9 73.0 72.6 71.0 72.4	- 5.2 - 2.9 - 3.9 - 2.8 - 2.6 - 2.8	92 95 92 91 95 92 93 94 93	18	43 42 42 41 48 48 50 45 38 46		11 13 18 19 6 6 5 11 23	5 6 2 7 9 6 4 7 9 6	00000000000	0000000000	0000000000	4.41 6.37 3.79 2.07 2.56 5.47 2.31 3.45 1.50	.01 1.37 57 - 1.89 - 2.23 - 1.31 - 1.00 - 2.39	1.67 2.18 .87 .58 .91 1.68 .83 .51 1.42	20 19 14 20 18 19 20 20	.0 .0 .0 .0 .0	00000000000		8 9 8 6 6 6 5 4 6	1 2 5	0 0 2
OIVISION			72.0	- 2.8										3.47	88			•0					
NORTH CENTRAL																							
BENSON SUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK ANO OAM WESTON	86.0 82.5 83.4 82.8 83.5 83.0 84.8 85.1 85.6 84.2 83.4 84.4 85.2	56.4 54.8M 57.5 59.6 59.4 56.6 54.3 58.7 55.2 58.6 60.1 58.7 57.5	71 · 2 68 · 7M 70 · 5 71 · 2 71 · 5 69 · 8M 69 · 6 71 · 9 70 · 4 71 · 8 71 · 6 71 · 4	- 2.2 - 3.1 - 3.0 - 3.4 - 5.9 - 3.0 - 2.0	91 92 92 91	17 17 17 17 17 17 28+ 23 17 17 17	40 39 41 46 44 38 39 42 36 45 42 42	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	21 25 19 17 11 28 23 11 23 13 11 14	8 1 2 6 3 7 9 8 4 2 4 8	000000000000	000000000000	000000000000	4.62 4.04 2.90 1.68 3.89 3.90 .70 5.21 1.89 3.72 1.39 2.24 4.14	39 - 1.55 - 1.67 - 2.85 - 1.43 - 4.30 - 3.17 - 1.16 - 1.95 - 1.32	.78 1.02 1.32 .50 1.14 .85 .20 1.55 .55 1.35 .58 .91 1.28	20 20 14 1 20 30+ 20 29 20 20 21	.0	000000000000		8 5 5 5 7 9 4 9 5 8 4 6 9	4 2 1 3 0 3 2 2 1	2 0 0 1 0 1
OIVISION			70.8	- 3.1										3.10	- 1.82			•0					
SOUTHWESTERN																						Ì	
CMARLESTON W8 AP R CMARLESTON 1 OUNLOW 5 F HAMMIN HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG HUNTINGTON W8 AIRPORT LOGAN LONGON LOCKS MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WILLIAMSON WINFIELO LOCKS	83.2 85.4 83.5 83.5 85.4 85.5 81.5 85.2 86.2 86.2 88.2	60.7 62.4 61.0 58.8M 59.5 63.3M 60.0 61.4 61.3 58.1 58.0 58.2 62.3 61.9	72.0 73.9 72.2 71.9M 71.5 74.4M 71.6 73.5 71.0 72.5 71.7 72.4 70.9 75.3 73.6	- 2.4 - 2.8 - 3.1 - 3.5 - 2.3 - 2.8	91 94 91 93 91 94 92 92 92 92 93 98 98	28+ 29+ 28+ 28 18 27 28+ 3+ 28+ 27 18 17 27+ 27+ 28+	46 49 47 48 549 549 545 43 549 45 45 45 45 45 45 45 45 45 45 45 45 45	10+ 10 10+ 12+ 11+ 10	10 2 6 10 9 1 1 8 7 3 8 18 0 2	4 8 4 8 3 7 1 8 5 4 5 10 3 12 5	000000000000000	000000000000000	000000000000000	3.06 2.96 2.80 4.07 2.80 4.02 3.68 3.92 4.83 4.90 2.56 2.39 5.25	- 2.61 - 2.54 - 1.34 93 - 1.27 - 1.01 - 46 - 1.38 - 2.69 .76	1.09 .90 .53 1.07 .79 1.25 1.56 2.00 2.13 2.73 2.11 1.72 1.25 1.25	30 20 20 20 29 29 1 1 1 30 20 21 20	.00	0000000000000000		5 6 11 8 6 7 7 8 9 8 5 8 4 8 8 6	2 2 3 4 4 3 1 4 3 4 3 2 2 0	0 1 0 1 1
OIVISION			72.5	- 3.5										3.91	- 1.02			•0					
CENTRAL  ARBOVALE 2 BAYARO BECKLEY WA HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW BRANDONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	78.6 76.7 77.2 77.1 78.6 82.3 74.8 78.7 77.3 78.0 81.1 81.5 75.7 80.4 82.7 74.9	50.9 51.3 54.5 51.9 53.7 54.0 48.6 53.8 54.6 53.8 54.6 57.5 M 57.3	64.8 64.0 66.1 66.8 65.4 66.7 68.2 61.7 65.6 66.3 65.7 65.6 66.3 7 69.0 64.1 7 70.0 871.1 M	~ 2.9 - 4.4	87 83 84 86 87 89 84 90 81 85 86 89 85 88 89 85 87 87 87 87 87 87 87 87 87 87 87 87 87	18 1 19+ 19+ 17 17 18 17	39 36 38 41 42 37 42 42	10 10 10 9 4 10 10+ 10 9 10 10+ 10+	72 81 51 43 66 58 36 120 53 83 48 51 34 32 75	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.65 4.74 4.45 4.06 4.82 3.82 4.80 6.45 3.77 1.91 1.91 5.24 3.15 5.26 7.67 4.62 3.51 3.78	- 1.96 06 70	1.08 2.27 1.26 1.29 2.00 1.40 1.07 1.22 1.29 .97 2.50 .55 1.22 1.70	3 24 22 20 21 24 23 20 20 14 130 2 20 14 15 3	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000		6 8 9 8 6 6 8 13 8 8 5 7 8 10 10 9 10 10 7	2 4 3 4 2 4	1 1 1 1 1 2 1 1 1 0 0 2 2 0 0 0 0
OIVISION			66.3	- 2.8										4.33	- 1.22			•0					
SOUTHERN																							
ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM GARY LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS OIVISION	77.4 76.6 83.2 83.0 M 81.7 82.5 80.4 84.0	57.4 58.3 59.1 57.4M 56.7 58.9 54.5 56.0	67.4 67.5 71.2 70.2M 69.2 70.7 67.5 70.0	- 3.8 - 4.1 - 2.5 - 3.8	85 91 90 89 89	29+ 18 29+	40 45 44 42 46 40		38 30 8 12 18 12 29 16	0 0 3 4 0 0 1 3	0000000	0000000	0000000	5.50 2.96 2.60 2.25 2.52 3.11 3.73 2.62	- 2.92 42 - I.66 - 1.28	1.40 .64 .63 .98 .81 .78 .98	6 30 21 14 21 21	0000000000	00000000		9 6 9 5 9 7 7 6	3 2 1 1 2 4	0 0 0
NORTHEASTERN BERKELEY SORINGS	05.7	67.7	71 7		05	24	, =	10.						2 20			3					,	^
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT	85.7 80.9 88.7	57.7 54.4 61.9	71.7 67.7 75.3		95 91 97	26 18 27	45 42 49	9+ 9	7 36 0	9 2 14	000	0 0 0	0 0 0	3.38 2.71 1.26		.66 .90 .47	2 24 14	•0	0 0 0		7	2	0

### CONTINUED

				Tem	perotu	re											Preci	oitation					
										1	No. of	Doys	s					Sno	w, Sleet		N	lo. of	f Doys
Station	Averoge Moximum	Average Minimum	Average	Departure From Normol	Highest	Date	Lowest	Dote	Degree Doys	0,40	. 0	32° or Below	- ×	Totol	Departure From Narmol	Greotest Doy	Dote	Total	Mox. Depth on Ground	Dote	.10 or More	.50 or More	1.00 or More
EARNEYSVILLE 1 NW -EYSER -EYSER -IARTINSBURG FAA AP -IATHIAS -IOOREFIELD MCNEILL -PETERSBURG -IEDMONT -IOWNEY 3 NNE -IARTENSVILLE R M FARM	87.1M 87.1 83.0 86.2 86.5 83.6 86.5	55.7M 59.8 53.5 52.6 56.9 59.8 56.0 56.2	71.4M 73.5 68.3 69.4 71.7 71.7 71.3 70.8	- 2.8 - 2.4 - 1.9 - 2.0	96 1 96 1 93 1 95 1 96 1 95 2 95 2	17 18+ 17 18 29	47 39 36 41 44	10 10 12 9 10	17 4 34 29 16 23 17 16	11 12 4 8 9 7 9	000000000	000000000	0 0 0	1.58 .77 1.29 3.16 1.93 1.61 1.58 2.18	- 2.04 - 2.29 - 1.80 - 1.89 - 2.88	•57 •35 •76 1•47 •63 •51 •98 •92 •44	2 29 28 23 3 3	.0 .0 .0 .0			3 3 2 5 4 7 3	0 1 2 3 1 1 2	0 1 0 0 0 0
DIVISION	1		71.3	- 2.7										1.87	- 1.83			•0					

Station	Total	1	2	3	-4	5	6	7	8	9	10	T 11	1	2	Day 13	of M	onth 15	16	17	18	19 20	21	22	23	24	25	26 ,	27	28	29	30	31
LBRIGHT LOERSON LPENA 1 NW RBOVALE 2	3.56 2.62 5.13 2.65	.24	.01	7 .70		-	1	-	•0			1		.15	.06	.06 •82 •15	.65	201			.1T	.62 .21 .33	•03 •14	.19 .09 .40	.03 .18 .60		1		•11	.15	.15	
TMENS CONCORO COLLEGE  AYARD ECKLEY V A MOSPITAL ECKLEY W8 AP ELINGTON ELLEVILLE OAM 20	5.50 4.74 4.45 4.06 5.28 2.39	.98 .20 .03 2.43	•0	2 • 21			• 2	•21	•0	2			1	T . 34	.06 .2T	.49 .20 .39 .57 .15	.34 .15 .02 .28	•09	.04 .02 T	т	-64 -23 T -62 -43 -24 -02 -67 T -66	.30 .25	.19 1.29 .02	.49 .03 .67 .57 .34	1.26			.08 T	T •01	.26 .02	.10 .16 .69 .30 .06	•0
ELVA ENSDN NS RUN ERKELEY SPRINGS RCH RIVER 6 SSW	3.91 4.62 4.41 3.38 4.82	.24	.60	•25									10	• 29		.49 .78 .30 .63	•26 •21		•07		.52 .29 .60 1.61	. 54 . 03		T . T8	•10				• 55	.02 .41 .50 .41	.46 .70 .82	
UEFIELO FAA AIRPORT UESTONE OAM ANCHLANO RANDONVILLE RUSMY RUN	2.96 2.60 3.82 3.36	•01 •63 •39 •02	+0+ +3:				. 6	• 02			l		03 1	T • 21	T •21	.48 .54 .42 .49 1.07	.28 - .05 .30	-	-	<u>T</u>	.03 .54 .29 -	1.40	07	.07 .13 -	1 +12 - +08	-04	-	+04, - T	-	+40 - T	.14 .63 .74 .34	• 0
CKEYE CKMANNON 2 W RNSVILLE 1RO 3 S MOEN ON GAULEY	4.80 4.04 2.90 6.37 5.96	•06							•14	6	т	•	06	•01	.04	.50 .69 .35 .60	•66 •30 •68	•06		.08	.01 1.02 .06 1.12 2.18	.24 .23	•15 •02	.13 .76	1.81 .30 1.29		•04	•01	•02 •93	.39 .0T .10	.20 .07 .44 1.04 .33	
NAAN VALLEY ENTRALIA HARLESTON WB AP R HARLESTON 1 LARKSBURG 1	6.45 5.17 3.06 2.96 2.90	•49 •04 T •19	• 92 T T	1.02	•0	2	т	-01		•0	3 •0		02	1	.23 1.01 .03	.75 .20 .65 .44	•09 •45 •20	•11			1 1.70 .22 .65 .67	.30	.30 T	.02 .01	•03 •33	+02	•17	T	.22 .38	.26 .72 1.09 .43 .43	•05 •37 •90	
AY 1 ENOENIN 1 SW RESTON 1 SSW TY CREEK INLOW 5 E	2.86 2.04 3.79 3.51 2.88	•08 •21 •17					+2	.26 5 .04	т						•25	.38 .15 .47 .33	•20 •53 •27 •14 •20			•03	.31 .65 .11 .20 .87 .77 .85	.21 .48 .20	•05	T •40 •12	•10 •04 •02				•18 •02 •12	.41 .27 .38 .13	• 53 • 32 • 96 • 25	-0
KINS WB AIRPDRT LENBORO IRMONT AT TOP ANKLIN 2 NE	3.77 4.30 1.68 4.01 2.71	T •33	• 75	•13	1		+2	9 .02	T				57	. 24	T •15	•40 •32 •50 •76 •10	•34 •05 •10 •22	•01	•08	Т	.19 1.22 .31 .62 .41 .39 1.29	• 07	•18 •08	.11 .12 .03 .47	•05 •05 •90		•06	•02	•42 •11 •22	.05 .58 .13 .33	T •43 •05 •08	
RY SSAWAY ENVILLE 2 NE AFTON 1 NE ANTSVILLE 2 NW	2.25 3.81 3.90 .70 5.21	1.14	•14	, T +20				.38	•0!	5	• 2		03	т	.39	.36 .80 .35	•01 •08 •36 •15		*02 T	•02 T	.02 1.10 .21 .85 .15	.53	•01	•07	•01 •05		т	т	•09 •04	.24 .42 .20 .80	.13 .02 .66 .20	-1
CKER VALLEY MLIN RPERS FERRY RPERS FERRY NAT MDNMT STINGS	5.32 4.07 1.97 1.26 3.95	•53	T 1.00	•12 •10 •10				.14		Т			07	. 27	•21	• 36 • 48 T • 47 • 53	•96 •06 •28 T	T •03	*10 T	.40 .01	1.85 1.07 1 .03 .01	.47 T	•01 T	T •15 T	•32	.10			•15	.49 T .03	.79 .66 .12 .07 .83	* C
CO GSETT GALLIPDLIS DAM IPEMDNT IRNER ULT LDCK 15	2.28 2.80 1.91 3.82 1.94	.89	*11 T	Т				т	Т							•21 •54 •97 •43 •07	•59 •10	T •03			•13 •79 •12 •06 1•50	.10 .28		.01 .07	+15 +38 +10		-11		Т	•14 •57 •27 •06	.48 .63 .16 .11	
UNTINGTON FED BLDG UNTINGTON WB AIRPORT LEGER LELAND UNE LEW	4.02 3.68 1.52 2.72 2.72	•44 •02 •06 •10	.11				•1	6	•3;	2					•04	•50 •53 •05 •50 •47	•02		•09	•05	.05 .80 .04 .54 .02 1.25	•09	•62	•35 •24 •17		•10				1.25 1.56 .10 .39	•60 •02 •20	•0
ARNEYSVILLE 1 NW RMIT YSER KE LYNN WISBURG 2 SSW	1.58 2.03 .77 2.30 2.52	T •30	•35	•26				.28	٠		1					• T •81	•38 • •29 •07		•03		T +12 T +17 -10 +12	.80	•01	• 02	•14			-13	•20	.26	•57 • •55 •41	1.7
OGAN NDDN LOCKS LOISON LINNINGTON 1 N LINNINGTON 1 W	3.92 5.60 6.27 1.89 1.78	2.73	.0:	•19	,			.15 .03 .14				.1	01			•29 •25 •38 •52 •20	•19 •33 •20	•04	•10		.81 .67 1.00 .22	.16 .40	•01	.06 T .04 .05	*01 *09 *03 T	•02	T		+19	.29 .10 .09 .55	.32 .84 .40 .02 .41	
ARTINSBURG FAA AP ATHIAS ATDAKA C MECMEN DAM 13 C ROSS	1.29 3.16 5.32 2.55 5.24	•62 •01 2•50	•0	T								•	39 10			•33 •46 •41 •15	•35 •30 •07		.04		.16 .12 .26 .40 1.45	.45	•03 •47	*90 *39	.85				.05 1.47 .06 .16	.76 T .01	•25	. 4
DDLEBDURNE 2 ESE DDREFIELO MCNEILL DREGATION FAA AIRPDRT RGANTOWN LOCK AND OAM DUNDSVILLE	3.72 1.93 1.39 2.24	• 36	* 5: T	-	-	-	-		_	-	-1	2 T -		-		.47 .52 .29 .03 .34	•02 •01 •32	•01 T	•03		.43 1.35 .10 .58 .16 1.06 .28	.07		•19 •63 T	т		Т	•05 T	•26 T •20 •02	•68 T •32 T •55	•21 •11	
STORM W CUMBERLAND W MARTINSVILLE K MILL IPS	3.56 2.07 2.56 3.15 4.39	•04 •45 1•05	• 22	1.50				•08			:4	2 .1	03 06 09			•18 •58 •46 •36	•24 T •41 •49	•01 •02 T	•03 •01 •21	• 24	•07 •40 T •91 •29	•02	T	1.08	•23				.18	1 •12 •12 •02 1•25	•08 •57 •55 •44	• 0
ARKERSBURG FAA AIRPDRT ARKERSBURG WB CITY R ARSDNS I SE ETERSBURG MILIPPI	5.47 2.80 5.26 1.61 3.49	•16	1.2	· 36	l.						•0	6	1	г	.01	• 42 • 34 • 51 • 10 • 11	•01 •19 •32	.01 1.08	•01	1.68	.92 1.17 .83 .54 .38	•51 •14	•03	.01 .07 .50 .11	T •05 •35		•02	•07	.64 .46 .22 .26	.60 .28 .16	.03	
CKENS 1 EDMONT NEVILLE DINT PLEASANT 5 NNE LINCETON	7.67 1.58 3.11 4.83 3.34			9 1 + 0 9 + 9 6				.71	T •0	7		۰	01	•05	•47	•17 •05 •38 •69 •42	•79 •20 •05			•02	T 1.70	.26		•14 •34 •19	•58	•01		T	•08 •38	•88	.95 .25 .01 .61	T • 2
VENSWOOD DAM 22 NICK 2 S CHWDOO PLEY MNEY 3 NNE	4.90 3.12 4.62 2.57 2.18	•02 •21 T	•0	* • • • • • • • • • • • • • • • • • • •							т			•11	•01	• 23 • 96 • 89 • 50 • 54	•29 •42 •11 T •01	•02		.03	.18 1.32 .16 .40 .55 T 1.25	.10	•80 •09	.45	•60 T	.20 T		•06	.06 .03 .92	.08 .33 .42 .45	1.72 .23 .08	
WLESBURG 1 MARYS DDT ENCER RUCE KNOB	3.51 2.83 3.92 3.28 3.58	•52	•1: •5: •0: •0:	. 1								• T	11	. 2		•22 •47 1•37 •30 •17	•15		• 35		.05 .82	.12 .42	•08	•03	•11				•12 •82 •29 T	• 44 • 27 • 44	.10 .69 .30	
DNY RIVER OAM MMERSVILLE 3 NE UTTON RESERVDIR HOMAS	2.41 3.69 4.32 9.37 3.73	•10 1•48 •44 •03		·1: · 4:0 · 3:				•05						• 28	•24 •05 •60	•20 •47 •22 •10 •63	•28 1•36 •62 •76 •05	т	•72	•66	.16 .03 .52 T .88 .24	•77 •11 •63	T	.05 .23 .15	•26 •19 •23 •04			т	*11 T	•13 •02	•15 •28 •25 •09 •55	•
ALLEY BENO ALLEY HEAD ANDALIA	4.24 3.42 3.92	•03	•1	3 .00									•	•04	•06	•12 •24 •72	•37			•31	1 • 4 2 1 • 2 1 2 • 2 6	. 28	•25 •07	.18	-10	•02	•19			•16 •16	•15 •42 •11	

### DAILY PRECIPITATION

WEST VIRGINIA

Continued																														,	JULY	1963
Station	Total													Day	of M	Ionth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WAROENSVILLE R M FARM WASHINGTON OAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE	.97 2.37 3.78 2.31 3.45	† 01	.40	•07 •05 T							•36 •07	•03	.04		•17 •30 •46 •55	• 33	•06	•04	• 34		.02 .38 1.59 .51 1.42	.36	т	• 08 T	•15 •60			т	.37 1.06	.15 .02 .31 .08	•44 •28	
WESTON WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WHOEN WILLIAMSON	4.14 1.50 2.62 4.04 2.39	T •15	•01	.08				.31	.2:	5		.08		•06		.25 .38 .20		T T		.10		.03 .16 1.42		.25 .55	•06 T •07 •20				•22	1.10 .29 .03 T	.21 .17 .83 .86	.05
WILLIAMSON 2 WINFIELO LOCKS		.29 1.32						* 44	• 2	9					•37 •50						•48 •73			.10 .02						•74 •55		:

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND Season of 1962 - 1963

WEST VIRGINIA

													,		
Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	
ALBRIGHT	SNOWFALL 1 IN ON GD				1.0	T	-	12.3	13.5	3.0				-	
ALOERSON	SNOWFALL 1 IN ON GD				•5		-	-	8.6	-				-	
ALPENA 1 NW	SNOWFALL 1 IN ON GD				12.0	4.0	50.0	24.0 28	49.0 28	26.0 20	1.0	2.0		168.0	
ARBOVALE 2	SNOWFALL 1 IN ON GD				2.5	2.0	27.5	8.0	18.0	11.0		7		69.0	
ATHENS CONCORD COLLEGE					•5	•5	16.5	4.0	17.5	1.5		т		41.3	
BAYARD	SNOWFALL 1 IN ON GD				4.0	1.0	39.0	11.5	32 • 0 28	13.0	т			100.5	
BECKLEY V A HOSPITAL	SNOWFALL 1 IN ON GD				2.0	т	24.0	11.1	24.4	3.5				65.0	
SECKLEY WB AP	SNOWFALL 1 IN ON GD	-	-	-	-	-	~	-	-	-	-			-	
BELINGTON	SNOWFALL 1 IN ON GD				3.5	1.0	30.5	17.0	31.5	5.5	т	1.0		90.0	
BELLEVILLE DAM 20	SNOWFALL 1 IN ON GD						11.2	8.3	6.9					26.4	
BELVA	SNOWFALL 1 IN ON GO				т		16.5	5.7 10	9.0 14	Т				31.2	
BENSON	SNOWFALL 1 IN ON GD						-	-	14.5	4.0	т			~	
BENS RUN	SNOWFALL 1 IN ON GD				1.2		14+2	-	-	-				-	
BERKELEY SPRINGS	SNOWFALL 1 IN ON GD					т	15+1	4.5 16	12.9	4.9	т	т		37.4	
BIRCH RIVER 6 SSW	SNOWFALL 1 IN ON GD						-	-	-	-				-	
BLUEFIELD FAA AIRPORT	SNOWFALL 1 IN ON GD				• 9	3.3	-	5.7 12	16.0 19	- 3	т	• 3		-	
BLUESTONE DAM	SNOWFALL 1 IN ON GO				т	т	11.0	2.0	12.5	1.0		т		26.5	
BRANCHLAND	SNOWFALL 1 IN ON GO				-		9.0	8.0	- 9	-		т		-	
BRANDONVILLE	SNOWFALL 1 IN ON GD				т		-	~	- ,	-				-	
BRUSHY RUN	SNOWFALL 1 IN ON GD				т		7.0	2•2 16	8.9 19	9.1				27.2	
BUCKEYE	SNOWFALL 1 IN ON GD				5.0	1.0	22.0	4.0 31	18,5	8.0		т		58.5	
BUCKHANNON 2 W	SNOWFALL 1 IN ON GD				1.5	1.1	24.9	15.4 13	23.5 19	5.0	т	.5		71.9	
BURNSVILLE	SNOWFALL 1 IN ON GO				4.0		25.0	13.0 13	20.5	2 • 0		т		64.5	
CAIRO 3 S	SNOWFALL 1 IN ON GD						-	<b>-</b> 9	- 9	-		т		-	
CAMOEN ON GAULEY	SNOWFALL 1 IN ON GD				5.0	3.0	54+0	20.0	35.0 24	15.0		3.0 1		135.0	
CANAAN VALLEY	SNOWFALL 1 IN ON GO				8.0	3.0	53.0	16.0 25	42.0 22	26.0	1.0	2.0		151.0	
CENTRALIA	SNOWFALL 1 IN ON GD						26.0	10.3	15.6 17	5.5				57.4	
CHARLESTON WB AP	SNOWFALL 1 IN ON GD				•6	•2	18.6	10.7	19.0	Т	т	•2		49.3	
CHARLESTON 1	SNOWFALL 1 IN ON GD				•4	т	11.7	8.2 11	14.1	•5				34.9	
CLARKSBURG 1	SNOWFALL 1 IN ON GD				т	т	13.0	12.0	14.0	1.5		т		40.5	
CLAY 1	SNOWFALL 1 IN ON GD						14.5	7.0	- 8	2.0				-	
CLENDENIN 1 SW	SNOWFALL 1 IN ON GD				т		20.0	10.5	13.5	1.0				45.0	
CRESTON 1 SSW	SNOWFALL 1 IN ON GD					т	-	10.0	-	•5		т		-	
DRY CREEK	SNOWFALL 1 IN ON GO				•5		16.0	7.4 11	20.9 14	2.0				46.8	
OUNLOW 5 E	SNOWFALL 1 IN ON GO				т		13.5	8.0	20.3	т				41.8	
FLKINS WB AIRPORT	SNOWFALL 1 IN ON GD				2.7	1.0	34.5	12.5	22.4	5.0	т	•7		78.8	
ELLENBORO	SNOWFALL 1 IN ON GD				т	т	13.6	9.3	6.5	- 4				-	
FAIRMONT	SNOWFALL 1 IN ON GD				1.0		24+5	13.0	18.0	2.5	т	.3		59.3	
FLAT TOP	SNOWFALL 1 IN ON GO				3.5	4+6	-	11.0	21	9.0	1.8	•3		-	
					See refere	nco notos fe	allowing State								

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND Season of 1962 - 1963

CONTINUEO WEST VIRGINIA

CONTINUEO						Season o	f 1962 -	1963						WES	TVI
Station		July	August	September	October	November	December	January	February	March	April	May	June	Total	
FRANKLIN 2 NE	SNOWFALL 1 IN ON GO						15.3	2.5	14.3	11.5			-	43.6	
GARY	SNOWFALL 1 IN ON GO						11.0	4 • 0 8	12.5	т		т		27.5	
GASSAWAY	SNOWFALL 1 IN ON GO				•2		27.0	12.2	14.1	2.9				56.4	
GLENVILLE 2 NE	SNOWFALL 1 IN ON GO				•3		21.1	12.5	12•1 16	1.6		т		47.6	
GRAFTON 1 NE	SNOWFALL 1 IN ON GO				1.5	1.0	-	-	12.0	2.5	т	1.0		-	
GRANTSVILLE 2 NW	SNOWFALL 1 IN ON GO				т		6.4	6.3	5.3	.8				18.8	
HACKER VALLEY	SNOWFALL 1 IN ON GO				3.0		19.0	11.0	_ 20	- 4		1.0		-	
HAMLIN	SNOWFALL 1 IN ON GO				т		13.3	7.5 11	11.7	2.5				35.0	
HARPERS FERRY	SNOWFALL 1 IN ON GO						13.5	3.4 16	10.0	4.2				31.1	
HARPERS FERRY NAT MON	SNOWFALL 1 IN ON GO					т	17.0	3.2 15	15.8	3.7				39.7	
HASTINGS	SNOWFALL 1 IN ON GO				т	т	24+0	12.0	9.0	1.0		т		46+0	
нісо	SNOWFALL 1 IN ON GO				т	3.1	17.8	9 • 1 14	9 • 2 19	1.8				41.0	
HOGSETT GALLIPOLIS DAM	SNOWFALL 1 IN ON GO						- /	- 8	- 2	-				-	
HOPEMONT	SNOWFALL 1 IN ON GO				2.0	2.0	35.0	14.0	19.0 21	9.0 16	т	1.0		82.0	
HORNER	SNOWFALL 1 IN ON GO				т	т	-	-	-	-		т		-	
HOULT LOCK 15	SNOWFALL 1 IN ON GO				•5		14.5	13.5	7.0 18					35.5	
HUNTINGTON FFO BLOG	SNOWFALL 1 IN ON GO						-	-	-	-				-	
HUNTINGTON W8 AIRPORT	SNOWFALL 1 IN ON GO				т	т	7.2	7.9	7.9 10	.4	т	т		23.4	
IAEGER	SNOWFALL 1 IN ON GO				т		8.1	2.8	2.5					13.4	
IRELANO	SNOWFALL 1 IN ON GO						26.0	9.0	15.5	• 5		• 5		51+5	
JANE LEW	SNOWFALL 1 IN ON GO					т	9.5	13.5	13•1 17	т				36.1	
KEARNEYSVILLE 1 NW	SNOWFALL 1 IN ON GO						-	4.5 16	8.5	3.5				-	
KERMIT	SNOWFALL 1 IN ON GO				-		6.0	4.0	- 10					-	
KEYSER	SNOWFALL 1 IN ON GO						-	-		т		т		-	
KUMBRABOW STATE FOREST					-	-	-	-	-	-	-	-	-	-	
LAKE LYNN	SNOWFALL 1 IN ON GO				•5		13.0	10.0	13.2 22	1.3				38.0	
LEWISBURG 2 SSW	SNOWFALL 1 IN ON GO				1.5	-	20•5	-	13.5	-				-	
LOGAN	SNOWFALL 1 IN ON GO						13.2	5 • 1 9	8.8 11					27.1	
LONOON LOCKS	SNOWFALL 1 IN ON GO	:			т		-	- 9	~ 13	- 1		-		-	
MAOISON	SNOWFALL 1 IN ON GO						15.9	6.0	14.1					36.0	
MANNINGTON 1 N	SNOWFALL 1 IN ON GO				3.0	т	25.5	12.0	10.0 22	2.0		1.0		53.5	
MANNINGTON 1 W	SNOWFALL 1 IN ON GO				1.0		15.0	10.2	11.4	3.0 3		1.2		41.8	
MARTINSBURG FAA AP	SNOWFALL 1 IN ON GO					т	16.8	5.0 15	12.0 15	5•1 1		Ţ		38.9	
MATHIAS	SNOWFALL 1 IN ON GO				• 3	2.0	20.0	2.3 17	17.9 19	11.0		•2		53.7	
MATOAKA	SNOWFALL 1 IN ON GO						21.0	4+0 5	- 19	Т				-	
MC MECHEN OAM 13	SNOWFALL 1 IN ON GO						11.0	9.0	6.0	т				26+0	
MC ROSS	SNOWFALL 1 IN ON GO				2.0	3.0	37+0	6•0 20	28.0 23	12.0	Ţ	Т		88.0	
MEAOOW 8LUFF 2 S	SNOWFALL 1 IN ON GO					4.5	~	-	-	-	-	-	-	-	
MIOOLEBOURNE 2 ESE	SNOWFALL 1 IN ON GO				т	т	22.5	10.0	9.5 15	1.0				43.0	
							1								

See reference notes tollowing Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

CONT INUED

WEST VIRGINIA

				-	_	,			,						-
Station		July	August	September	October	November	December	January	February	March	April	Мау	June	Total	
MOOREFIELD MCNEILL	SNOWFALL 1 IN ON GD						12.0	2.0	11.0	6.0		T		31.0	
MORGANTOWN FAA AIRPORT	SNOWFALL I IN ON GD				-6	~	17.8	9.9 8	12.0 19	2.8	• 2	.6		-	
MORGANTOWN LOCK AND D	SNOWFALL 1 IN ON GO				• 5	•2	-	12.0	12.0	т		т		-	
MT STORM	SNOWFALL 1 IN ON GD				4.0	3.7	-	11.0 22	31.0 23	I6.7 15	т	Т		-	
NEW CUMBERLAND	SNOWFALL 1 IN ON GD						-	- 11	20	•8 2		. 8		-	
NEW MARTINSVILLE	SNOWFALL 1 IN ON GD				т	т	14.2	6.8	11.4	• 4 2				32.8	
OAK HILL	SNOWFALL 1 IN ON GD				•5	т	17.5	6.8 11	20.5	4.0		Т		49.3	
OMPS	SNOWFALL 1 IN ON GO						-	- 13	14	1				-	
PARKERSBURG FAA AIRPORT	SNOWFALL 1 IN ON GD				Т	т	10.6	11.7	7.4	1.3	т	Т		31.0	
PARKERSBURG WB CITY	SNOWFALL 1 IN ON GO				Т	Т	12.7	8 • 4 8	8.3 12	•1	T	Т		29.5	
PARSONS 1 SE	SNOWFALL 1 IN ON GD				•3	т	27.2	7.2 19	18.0 21	12 • 0 7		1.0		65.7	
PETERSBURG	SNOWFALL 1 IN ON GD						14.0	3.0 10	14.0 I7					31.0	
PHILIPPI	SNOWFALL 1 IN ON GD				2.0	Т	26•3	14.2 11	21.1	4 • 8 2	Ť	• 4		68.8	
PICKENS 1	SNOWFALL 1 IN ON GD				8.0	4.5	80.0	26.0 30	48.5 26	33.5 10	Т	4.0 I		204.5	
PIEDMONT	SNOWFALL 1 IN ON GD				•5	т	-	3.5 16	12.3	8 • 0 5		• 5		-	
PINEVILLE	SNOWFALL 1 IN ON GD						17.0	6.5 7	9.0	1 - 1				33.6	
POINT PLEASANT 5 NNE	SNOWFALL 1 IN ON GD						6.6	5.9 9	4.4	1.0				17.9	
PRINCETON	SNOWFALL 1 IN ON GD				1.5	т	23.6	3.6 6	13	1.0	т	1.0		-	
RAVENSWOOD DAM 22	SNOWFALL 1 IN ON GO			:			8.0	7.5 8	4.8	-				-	
RENICK 2 S	SNOWFALL 1 IN ON GD				•1	2.0	23.3	7•5 24	18.0 25	6 • 5 2		Т		57.4	
RICHWOOD 1 E	SNOWFALL 1 IN ON GD				2.0	2.0	-	-	-	-	-	-		-	
RIPLEY	SNOWFALL 1 IN ON GO				Т	т	22.7	10•2 10	12.9	3+0				48.8	
ROMNEY 3 NNE	SNOWFALL 1 IN ON GD						12.0	2.0 11	8.0	6 • 0 2		Т		28.0	
ROWLESBURG 1	SNOWFALL 1 IN ON GD				1.0		34.0	15.0 19	18.0 24	5 • 0 6		Т		73.0	
ST MARYS	SNOWFALL 1 IN ON GD				Т		12.1	8.5 10	5•8 9	Т				26.4	
SALEM JACOBS RUN 1	SNOWFALL 1 IN ON GO	-	-	-	-	-	-	-	-	-	-	-	-	-	
SMOOT	SNOWFALL 1 IN ON GD	-	-	-	-	-	29•0	7.6 22	25	8		T		-	
SPENCER	SNOWFALL 1 IN ON GO				1.0		-	-	-	2+0				-	
SPRUCE KNOB	SNOWFALL 1 IN ON GD				9.0	8.0	45.0	15.0 24	40.0 19	19.0 10	т	3.0		139.0	
STONY RIVER DAM	SNOWFALL 1 IN ON GD				9.0	2.5	-	-	34.0	16.5	Т	-		-	
SUMMERSVILLE 3 NE	SNOWFALL 1 IN ON GD				2.0	2.0	-	10.0	26.0	5 • 0				-	
SUTTON RESERVOIR	SNOWFALL 1 IN ON GD				1.0		32.0	13.0	22.0	4.0		1.0		73.0	
THOMAS	SNOWFALL 1 IN ON GD				4•6	3.9	26.2	8.3 23	21.0	9.7	Ť	1		74.3	
UNION	SNOWFALL 1 IN ON GD				•6	1.8	7.3	1.5	11.5	1.5				24.2	
VALLEY BEND	SNOWFALL 1 IN ON GD				4.0	7	23.0	10.0	21.0	9•0 6	7	1.0		67.0	
VALLEY HEAD VANDALIA	SNOWFALL 1 IN ON GD SNOWFALL				2.5	2.0	36.5	5.0 9 6.3	24.0 21 9.2	15.0	Т	1.0		86.0	
WARDENSVILLE R M FARM	1 IN ON GD				•5		31.9	19	10.8	6.0				47.9	
WASHINGTON DAM 19	SNOWFALL 1 IN ON GO SNOWFALL						10.5	3	12	6.0				31.3	
OITIGION DAM 19	1 IN ON GO						-	10	12						

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND Season of 1962 - 1963

CONTINUEO Season of 1962 - 1963 WEST VIRGINIA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
WEBSTER SPRINGS 1 E	SNOWFALL 1 IN ON GO	<u> </u>			•1	1.0	27.9	6.5	14.1	6.0		T		55.6
WEIRTON	SNOWFALL 1 IN ON GO				•3	т	9+1	12.6 12	19.7 19	3 • 1 2		•5		45.3
WELLSBURG 3 NE	SNOWFALL 1 IN ON GO				т	т	9.5	10.0	9.0 17	T 2	т	т		28.5
WESTON	SNOWFALL 1 IN ON GO				6.7	•5	29∙8	14.8 13	15.9 19	1.5				69.2
WHEELING WARWOOD DAM	SNOWFALL 1 IN ON GO						-	8.0 10	10.0 19	T 1				-
WHITE SULPHUR SPRINGS	SNOWFALL 1 IN ON GO				2.0	2.0	21.0	4.0 18	17.3 15	2.0 1				48.3
WIOEN	SNOWFALL 1 IN ON GO				•4	т	21.0	12.0 13	21.0 13	5 • 0 2		т		59.4
WILLIAMSON	SNOWFALL 1 IN ON GO				т		12.2	6.5	11.0					29•7
WILLIAMSON 2	SNOWFALL 1 IN ON GO				т		7.0	5.0	12.0 13					24.0
VINFIELO LOCKS	SNOWFALL 1 IN ON GO					т	5.5	8.0 9	7.5	т		Т		21.0

NOTE: COUNT OF DAYS WITH SNOWFALL OF 1 INCH OR MORE ON GROUND WAS BEGUN WITH OATA FOR JANUARY 1963.

		,																															1 99 3
Station		1	2	3	4	5	0	7	8	8	10	11	12	13		Day (	DE M		18	19	20	21	22	23	24	25	26	27	28	29	30	21	Average
ARBOVALE 2	MAX MIN	84	85	78 62	74 36	77 35	78 41	82	77 58	70 42	71 41	72 38	76 39	71 46	67	78 56	82	85	87	85	78 63	75 58	81	75 52	75	80	82	84	86	78	83	80	78 - 6
ATHENS CONCORO COLLEGE	MAX	82	83	80	76 56	75 45	76 49	70 59	75 60	71	68	72	74	78 51	76 49	78	81	82	84	82	76	77 57	75 57	74 56	74 58	76 70	78 68	80 70	88	86	75 64	76 67	77.4 57.4
BAYARO	MAX	82	78	78	69	73	75	80	74	69	66	71	75	76	70	74	80	83	83	82	79	73	77	77 56	76 51	80	81	82	82	77	77	80	76.7
BECKLEY V A MOSPITAL	MAX MIN	82 61	56 80 62	57 78 63	72	76 41	74	72 58	58 73 59	37 69 44	37 68 37	72 42	76 43	78 47	56 73 59	59 77 58	82	83	84	82	79	74 60	80 57	74	76 57	77	82	83	83	79 63	76 64	78 59	77.2
BECKLEY WB AP	MAX MIN	83	80	75 58	71	76 46	70	73 55	70	68	68	74	78	78	75 59	78	81 57	85 57	86 63	82 65	75 62	75 59	78 58	72	75 59	79 58	82	82	85	79	78 62	80	77.1
BENSON	MAX MIN	92	94	86	79	82	84	84	81	74 40	75 41	82 45	85 47	56 89 47	85	79	88	96 63	95 62	85	85	80	85	86 55	87	90	92	92	92	89	85	89	86.0
BENS RUN	MAX	90	91 67	87 62	78	79 50	83	83	82	80	74	73 48	81	85 56	64 87 56	78 59	85 56	88	92	90	85 68	82	85 59	85 61	78 57	85 52	88	89	91	89	79 67	84 55	84 • 1
BERKELEY SPRINGS	MAX	92	90	76 67	79 50	82 48	86	87	81 59	76	78 45	79 50	85	84	77	84	88 57	93	92	92	85 71	84 65	88 57	84	86	91	95 56	94	93	86	86	85	85.7
BIRCH RIVER 6 SSW	MAX	80	81	75 59	71	77	76 40	76 48	74 58	69	69	75 37	79	81	72	77	83	87	83	87 59	77	77	81	75 56	82	83	84	86	85 57	79 59	81	84	78.9 51.9
BLUEFIELO FAA AIRPORT	MAX	82	81	79 58	74 53	76 52	73 53	69	75 59	70	68	71 47	76 50	78 56	76 59	79	82	82	84	81	78 62	74	78	69	74	74	82	82	85	80	70	74	76.6 58.3
BLUESTONE DAM	MAX	90	88	87	83	79 49	83	75 55	78	80	76	75	80	82	84	80	61 83 59	89 61	63 89 65	91 66	87	83	58 80 60	85 61	75 59	81 61	61 85 62	88 63	86 62	90	63 87 65	62 79 65	83.2
BRANDONVILLE	MIN	85	87 62	65 82 59	69	74 43	77	81 49	83 56	73 37	67	71	77	80	54 82	69	77	82	89	87	81	75	78	82	79	82	84	86	85	86	80	78	79.6
BUCKEYE	MAX	60 89 63	83	81	79 39	82	80	80	85	80	71	79	80	83	56 77	80	53 83 53	57 89 58	63 90 59	88 59	65 86 59	78 58	51 82 54	55 80 57	52 79 57	54 81 56	55 85 58	61 86 59	87	63 83 65	65 84	82	82.3
BUCKMANNON 2 W	MIN MAX MIN	88	62 85 69	78	41.	40 79 44	80 48	83 51	81 49	76 39	73 40	43 78 44	83 46	85	58 78 60	80	84	91 57	87	85 61	80 64	80	83	82 58	84	86	85 58	87	86 64	80	83 65	59 86 55	54 • 0 82 • 5 54 • 8
CAIRO 3 S	MAX	91	89	87	80	80	82	84	81	80	74	83	86	86	86	86	91	95	91	90	88	85	85 59	80	87	88	89	90	85	80	86	88	85.6
CANAAN VALLEY	MAX MIN	81 52	79 55	72 56	67	70 38	72.	80	75 55	65 35	62	6.8	50 75	75	67	75	77 50	61 84 47	80 55	79 55	61 74 61	72 53	72 50	72 48	75 50	80 48	61 80 50	78 52	82 55	76 59	75 59	56 80 48	56.9 74.8 48.6
CMARLESTON W8 AP	MAX	87	86	79	78	83	71	80	80	76	75	38 80	35 83	38 86	80	83	88	90	91	88 70	80	82	84	78 64	85 61	86	89 64	91	91	81 67	83	84	83.2
CHARLESTON 1	M1N MAX	91	88	88	50 82	80	85	73	82	81	76	76	81	55 85	88	84	85	88	93	92	90	81	84	87	79	88	90	92	94	94	86	85	85.4
CLARKSBURG 1	MIN	91	85	76	78	82	82	85	79	72	74	53 81	<b>5</b> 3	88	78	84	63 87 57	67 92 63	67 89 65	71 84	68 78 64	65 83 63	86 58	65 78	85	88	88	89	87	80	84	86	83.4
CRESTON 1 SSW	MIN	63 87	70 89	87	81	80	83	85	84	80	74	74	81	52 84	82	79	84	89	92	87	85	89	84	84	75	59 85	89	65	88	90	81	85	57.5 84.1
OUNLOW 5 E	MIN	88	86	83	78	83	80	77	77	74	74	80	50 82	50 86	78	82	57 87	89	90	90	84	80	59 84	78	84	87	89	91	91	84	84	86	83.4
ELKINS W8 AIRPORT	MIN	84	80	72	72	57 75	79	82	74	67	69	76	80	80	71	76	62 81 54	63 90 57	85	82	76	60 76 59	80	74	81	63 84 56	82	85	85	80	80	65 83	78.7
FAIRMONT	MIN	90	85	75	78	82	81	85	77	70	71	79	84	85	59 75	81	85	92	91	84	77	83	84	82	88	90	90	90	87	77	57 83	87	53.7
FLAT TOP	MIN	79	70 75	73	68	72	69	69	62	64	63	69	73	74	70	74.	78	63 78 53	81	76	73	70	73	64	71	73	78	80	80	75	70	75	72.7
FRANKLIN 2 NE	MIN	59 82	83	76	75	79	80	57 85	57 78	71	70	76	79	45 81	53 72	80	85	90	91	87	82	78	57 82	76	81	59 84	83	86	87	82	84	84	80.9
GARY	MAX	63 88	86	86	42	82	82	75	56 76	78	43 75	74	77	83	58	80	52 85	56 88	89	90	86	81	79	59 85	81	83	58 86	90	90	90	58 86	76	83.0
GASSAWAY	MAX	90	65 85	79	78	47 81	80	84	63 80	51 78	74	80	48 84	50 86	55 78	83	86	56 91	59 88	63 86	81	81		58 75	85	5-8 8-8	88	90	88	82	86	88	83.5
GLENVILLE 2 NE	MIN	90	90	85	79	48 79	83	80	84	80	75	48 75	80	52 85	62	60	59	63	65	66	67	78	83	62 85	76	87	63 88	90	89	65 86	80	86	83.0
GRAFTON 1 NE	MIN	92	67 92	60 78	78	83	50 85	50 89	50 86	38 74	76	82	87	48 89	77	83	57 84	93	93	65 87	65 77	79	84	78	83	80	59 89	93	93	89	86	90	56.6
GRANTSVILLE 2 NW	MIN	91	88	63	80	80	84	51 82	51 85	39	74	73	82	50 85	55 87	79	86	90	94	56 91	88	81	81	96	78	87	90	92	91	90	81	56 86	54 • 3 85 • 1
HAMLIN	MIN	92	90	88	81	78	50	73	58	80	76	77	51 82	52 85	58	83	59	90	92	92	89	83	84	85	80	86	87	91	93	90	83	87	58.7
MARPERS FERRY NAT MONMT	MAX	94	94	86	82	86	86	58 90	89	84	79	84	86	51 87	56 75	88	90	58 92	95	94	92	85	88	85	88	59 91	96	97	96	93	90	88	58.8
MOGSETT GALLIPOLIS DAM	MIN	90	88	87	79	53 79	83	58 72	80	80	75	55 76	82	56 85	60 87	81	85	89	91	86	71 86	82	82	67	79	63 85	87	88	71	89	78	85	83.5
MOPEMONT	MIN	85	77	73	70	48 77	53 79	78	74	70	75	73	48 77	52 79	53 78	80	82	83	77	80	74	75	74	70	76	78	80	82	81	77	81	80	59·5 77·3
MUNTINGTON FEO BLOG	MIN	91	88	54 81	39 80	87	70	78	57 81	36 78	79	48 85	88	53 84	55 82	86	91	93	90	87	84	88	50 84	55 81	87	50 89	93	94	55 89	52 79	88	92	53.8 85.4
MUNTINGTON W8 AIRPORT	MAX	88	88	79	77	55 84	68	77	79	53 75	75	53 81	83	84	81	84	89	89	89	73 86	80	83	82	63 79	84	87	70 89	90	71 88	78	70 83	85	82.7
KEARNEYSVILLE 1 NW	MIN	90	92	91	79	80	83	87	88	52 82	75	50 77	51 81	54 85	61 84	70	87	89	94	94	94	87	58 82	57 86	82	87	91	94	68	93	90	86	86.3
KEYSER	M1N MAX	93	65 92	65 88	53 78	49 77	53	54	61 88	79	45 75	51 78	53 85	51	66	84	61 87	88	65 94	70 96	69	61	57 91	62	58 88	59 91	93	67	69	65	86	58	59.5 87.1
LEWISBURG 2 SSW	MIN	53 87	63 84	61 84	50 79	80	79	79	60 79	46 76	73	52 76	49 78	82	78	81	50 86	57 86	89	86	84	77	82	59 79	79	59 82	59 86	87	88	65 86	63 81	80	55.7 81.7
	MIN	64	64	66	48	42	48	55	59	52	46	44	49		58	53	54	57	62			61	58		57	57	60	58	60	61	64		56.7

Continued			_		_	-	_		- U	MI.	ь 1	11	71A1	PL			On		•													JULY	1963
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		0f M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LOGAN	MAX	90	89	88	83	80	86	70	80	79	78	79	82	86	86	82	87	86	93	94	88	82	84	86	84	90	90	93	94	92	85	84	85.5
LONDON LOCKS	MIN	92	69 91	92	57 76	74	78	74	65 78	72	72	50 72	77	54 82	56 84	63 76	82	88	90	68 87	84	77	78	84	74	83	82	88	90	84	68 85	82	81.5
MAOISON	MAX	89	87	86	79	55 77	83	70	79	78	50 75	50 76	54 81	53 84	56 85	81	84	88	90	92	88	80	82	85	80	63 87	88	63 89	61 92	91	84	60 86	83.7
MANNINGTON 1 N	MAX	91	68 91	80	80	53 84	53	82	86	50 78	74	51 81	52 86	54 87	56 80	63 85	87	94	93	86	86	63 85	87	64 83	87	90	90	93	90	80	69 85	88	85.6
MARTINSBURG FAA AP	MAX	92	91	80	36 81	84	86	90	83	76	39 77	81	85	86	74	51 88	90	96	95	93	88	85	53 85	84	88	93	94	94	63 94	91	87	53 88	55.2 87.1
MATHIAS	MAX	88	84	80	77 48	50 78	53 81	85	79	74	73	53 78	53 82	51 82	70	83	88	93 55	93	92	83	80	58 84	78 57	82	87	88	68 89 59	69 91 59	82	85	58	59.8 83.0
MC ROSS	MIN	61 82 61	61 79 63	60 78 62	72	76 41	43 73 44	46 78 55	70 61	40 70 44	39 68	46 70 47	75	80	56 78	52 76	58 80 54	84 56	60 86 58	61 86 55	62 81 62	55 73 58	55 78 55	81	55 77 58	56 80 55	55 84 58	84 55	85	58 77 59	80	53 78 57	78.0
MIOOLEBOURNE 2 ESE	MAX	91	87 68	84	80	84 48	83	84	81 54	75 42	76 46	81 49	47 85 51	86 51	58 81 62	57 83 60	88 57	92 63	90	84 63	83 67	83	84 59	78 63	84 59	88 63	88	90	60 89 66	79 66	66 84 67	84 57	54 • 5 84 • 2 58 • 6
MOOREFIELO MCNEILL	MAX	91	86	86	79	83	84	88	87 56	79	76 36	79 45	84	84	75 56	84	88	95 54	94 58	93 59	90 67	84 57	89 53	80 59	85 55	89 54	90	91 58	93	89 57	89 59	88	86.2
MORGANTOWN FAA AIRPORT	MAX	93	85 70	74 55	81	83	86	87	78 55	72 45	73 48	81	88	87	73 63	83	86 63	95 65	89 70	83 69	76 63	83	85 59	82	86 59	87 62	89 65	86 67	88	78 68	81	87	83.4
MORGANTOWN LOCK AND OAM	MAX	92	86	82	79	82	84	85 57	78 61	73 42	76 46	81	86	87 54	76 62	83 62	86 59	93	91	86	83	84	86	82	87 59	90 61	88 63	87	89	82	84 66	88	84.4
MOUNOSVILLE	MAX													87	86 63	85	89 59	93 62	93	90	84 68	85 65	85 59	85 63	88	90 62	88	89	90	80	84 65	88	,,,,
NEW CUMBERLAND	MAX	90 67	89 68	88 60	78 45	81	85	84 57	82 57	72 41	73 43	80 53	85 53	86 53	84	81	82 58	91 65	90	90	84	85 64	85 58	85 59	87	89	91 61	91 66	91 67	78 69	81	85 52	84+6
NEW MARTINSVILLE	MAX	95	90 70	81	82 48	86	85 53	85 59	81	77	73	83	88	89 58	80 62	85	90 58	95 65	93 66	84 68	83 66	87 65	85 61	83	87 61	90	91	94	91 69	80	86	88	86.0
OAK HILL	MAX	85 63	85	83	77	75 45	79 47	72 51	78 59	75 48	72 41	71	76 46	82 50	83	78 57	82 52	84 58	89 61	89 63	87 64	82 62	79 59	82 58	75 58	80 56	84 58	88	88	88	81 65	84	81.1
PARKERSBURG FAA AIRPORT	MAX	91 68	90	78 62	79 48	84	80	81	79 58	73 51	73 52	80	83	87 57	80	85	89 61	92 66	90 70	85 70	84 66	85 63	85 62	78 64	87 62	87 65	88	90 66	90	79 68	85 66	87 63	84.0
PARKERSBURG WB CITY	MAX	90	88	77 61	79 51	84 54	81 56	81 58	78 58	73 50	73 52	83 52	86 56	87 58	80	84	90 61	92 66	88 69	86 69	82 64	85 63	86 62	77 64	87 62	89 65	89 67	92 67	88	80	86 68	89 64	84.2
PARSONS I SE	MAX	87 64	84 65	80 62	74 43	78 45	78 46	84 53	84 62	75 42	70 42	76 46	81	83	74 60	76 59	84 56	89 60	87 63	83 62	82 65	78 59	82 59	81 60	83 58	86 57	84	85 63	85 64	85 61	82 63	85 55	81.5
PETERSBURG	MAX	89 64	88 63	84 62	79 44	81 46	85 48	88	84	78 46	75 43	78 49	85 41	83	81 59	87 63	89 57	95 58	96 62	93 64	92 69	83 60	89 58	82 62	86 61	91 57	91 58	92 63	90 69	89 61	91 64	87 55	86.5
PICKENS 1	MAX	80 58	78 62	70 61	68 37	74 42	75 46	80 47	72 58	65 37	66	71 40	75 43	78 45	68	75 52	80 50	85 55	81 68	80 62	72 62	71 58	78 52	70 54	78 51	81 51	80 55	82 56	82 60	75 59	78 62	80 51	75.7 52.5
PIEOMONT	MAX	86 64	91 66	88 63	72 49	77 50	80 55	85 56	85 66	76 44	70 46	71 46	77 52	84 55	83 59	74 60	80 62	85 64	94 68	92 72	91 71	79 64	83 60	86 58	7 <del>9</del> 60	86 59	90 64	89 66	93 68	95 65	85 65	86 56	83 • 6 59 • 8
PINEVILLE	MAX	88 66	86 66	85 65	82 55	79 50	81 51	70 51	76 62	76 53	75 46	74 49	77 51	83 53	83 54	80 61	84 59	86 60	89 60	89 67	86 65	85 61	81 59	84 62	79 59	86 58	85 61	88 63	89 63	89 65	84 66	78 64	82.5 58.9
POINT PLEASANT 5 NNE	MAX MIN	90 66	88 67	86 60	78 45	84	83 50	81 56	80 59	79 46	77 49	82 47	85 49	85 52	82 62	86 61	90 59	91 60	89 62	88 67	87 65	85 60	84 56	80 60	86 58	89 58	89 62	92 62	91 66	81 66	86 62	87 59	85 • 2 58 • 1
RAVENSWOOD DAM 22	MAX MIN	91 67	89 66	86 61	85 49	85 49	86 52	84 57	86 57	79 47	83 45	83 49	88 51	87 53	86 62	89	90 60	91 61	92 64	85 67	80 62	85 60	85 57	85 61	85 59	88 60	88 63	90 62	88 68	80 67	85 63	88 59	86.2 58.6
RICHW000	MAX MIN	87	81	81	73	76	77	82	82	73	70	74	77	81	79	77	83	87	88	83	83	75	80	76	80	81	84	87	86	82	83	83	80.4
RIPLEY	MAX MIN	92 66	90 64	85 59	82 44	87 47	87 52	83 55	84 60	79 42	79 46	82 48	88 48	88 51	83 62	87 57	92 58	93 60	90 63	90 68	86 65	87 60	87 57	79 62	86 59	89 60	92 62	91 63	90 67	82 66	88 68	90 59	86.7 58.0
ROMNEY 3 NNE	MAX MIN	91 64	87 65	86 63	79 42	83 44	86 46	90 50	86 56	78 42	75 41	80 49	86 46	85 49	76 58	85 58	89 56	95 59	95 60	92 63	86 72	84 60	89 56	82 57	86 59	92 58	93 57	90 63	93 63	84 62	88 64	89 55	86.5 56.0
ROWLESBURG 1	MAX MIN	90 64	83 67	74 62	76 43	80 47	80 47	85 53	84 63	74 42	74 43	78 48	83 42	85 52	77 60	79 60	85 58	92 62	8 8 65	84 64	80 66	81 61	84 58	77 59	85 56	89 59	87 59	88 66	89 67	84 64	84 65	86 55	82•7 57•3
SPENCER	MAX	88 65	88 65	83 64	76 46	81 47	80 50	81 50	82 63	77 43	73 45	80 46	84 49	85 50	83 62	83 64	87 58	90 61	90 63	86 67	85 65	83 62	85 58	76 66	84 58	85 60	88 61	90 62	89 67	78 66	84 63	88 59	83 • 6 58 • 2
SPRUCE KNOB	MAX MIN	81 60	82 62	77 59	69 48	63 50	79 50	76 48	80 50	69 42	66 42	62 45	67 47	73 51	75 55	66 55	72 55	79 60	82 63	83 65	79 60	72 55	75 57	75 55	72 50	75 56	78 59	78 62	80 61	82 62	76 52	78 56	74.9 54.6
UNION	MAX MIN	87 62	88 62	80 62	82 49	78 40	81 45	75 57	76 56	80 49	76 44	69 41	76 45	79 47	82 50	75 57	82 53	84 55	83 58	90 65	83 63	81 58	76 55	82 56	74 56	77 55	80 57	86 56	87 58	87 58	80 60	77 61	80 • 4 54 • 5
WARDENSVILLE R M FARM	MAX MIN	90 64	90 63	86 63	77 45	79 45	83 48	85 49	87 57	81 44	75 42	76 51	81 49	83 47	85 57	76 55	85 57	89 58	95 61	95 64	94 71	85 59	83 58	86 58	80 58	87 57	90 57	92 62	88 63	91 60	86 65	88 55	85.4 56.2
WEBSTER SPRINGS	MAX MIN	88 64	85 64	85 65	77 45	82 45	84 49	87 54	84 61	80 45	80 41	85 46	83 53	84 50	78 59	83 58	87 56	92 59	90 66	86 66	80 65	80 61	84 60	83 59	86 59	88 68	91 63	91 63	84 60	86 65	88 57		84.7 57.5
WEIRTON	MAX	93 67	90 71	84 60	81 47	85 50	87 53	84 61	79 58	75 45	75 45	80 53	83 55	86 55	82 61	83 62	85 61	92 67	90 68	87 68	79 62	87 63	85 61	87 62	88 60	88 63	91 65	91 68	91 69	77 63	85 64	87 54	85 • 1 60 • 0
WELLSBURG 3 NE	MAX	92 63	90 66	88 59	81 39	85 42	87 43	84 53	80 58	75 38	73 39	81 50	88 49	88 51	83 62	84 56	86 55	94 64	93 63	90 64	84 62	86 63	85 56	86 60	89 56	90 58	91 59	92 63	91 65	79 66	83 64	87 50	86.0 56.0
WESTON	MAX MIN	92 66	94 66	88 65	79 42	80 48	83 49	84 53	84 57	80 43	75 44	76 45	80 49	86 51	89 52	78 61	85 58	88 59	95 64	92 65	88 66	78 62	84 61	87 61	76 58	87 58	90 61	90 63	92 65	90 66	84 66	87 59	85.2 57.5
WHEELING WARWOOD OAM 12	MAX MIN	89 68	93 68	89 62	75 49	79 50	82 52	86 55	82 61	76 46	72 46	73 50	82 55	86 56	87 59	74 61	84 60	85 62	92 68	92 68	85 69	83 66	86 61	85 63	85 62	89 64	90 64	90 64	90 68	89 70	79 67	83 58	84.3 60.4
WHITE SULPHUR SPRINGS	MAX MIN	89 63	87 66	85 64	81 48	84 40	81 45	83 54	83 59	80 50	79 46	78 40	81 45	80 47	8 0 5 8	83 60	87 53	88 59	91 61	91 62	84 65	79 56	83 56	78 59	82 58	84 58	89 59	89 57	91 60	86 61	84 65	84 62	84.0 56.0
WILLIAMSON	MAX MIN	95 67	93 68	92 68	85 58	83 54	89 54	72 62	82 68	81 53	80 50	81 51	87 55	90 55	89 59	86 61	89 63	93 64	97 68	97 69	90 67	85 60	87 64	89 64	85 63	89 62	92 64	98 66	97 68	93 69	86 69	82 67	88.2 62.3
	1																		1			-											

### DAILY TEMPERATURES

WEST VIRGINIA

C	ontinued																															JULY	1953
																Day	OI M	onth															8
	Station	1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Aver
,	WINFIELD LDCKS																																85.7

### **EVAPORATION AND WIND**

																1	Day o	í moi	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
BLUESTONE DAM	EVAP WIND MAX MIN		95	36 94	.27 51 89 59	40 88	32	21 74	.12 30 79 64	.18 40 83 56	.25 43 85 51	40 77	31	91	.18 27 92 58	.12 42 81 64	.19 37 87 64	.20 21 94 64	95	29 96		.18 52 91 65	42	2.7 90	26 76	.14 33 85 63	.18 34 89 65	.20 29 94 66	.19 39 89 59	.24 38 93 65	.13 34 87 67	.10 26 81 62	5.6 106 87. 61.
CLARKSBURG 1	EVAP				.20									.13	.04 73			.13				.17					.15			.05			8 4.9 149
HOGSETT GALLIPOLIS DAM	EVAP		.13											.30 35	.34 70	.07	.22		.25 39								.40	.24			- 52		8 6.6 145
SUTTON RESERVOIR	EVAP													.28 46	.20	.12					.28	.09									.16		5.9 120
WARDENSVILLE R M FARM	EVAP				.26 45					.22	. 25			.23	.18	.12	.23	.19	.20	.42	.23	.18	.27	.13	.09	.11	.34	. 24	-	.05	. 30	. 24	8 6.6

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum per	idity ave	rages -		Numl	ber of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1,00 PM EST	7,00 PM EST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
BECKLEY W8 AIRPORT	SSW	10	7.8	35++	WNW	29	90	89	62	70	4	6	5	2	1	0	18	-	7.1
CHARLESTON WB AIRPORT	SW	17	5.0	22++	WSW	14	93	95	56	62	4	3	2	2	1	0	12	-	6.6
ELKINS W8 AIRPORT	NW	9	5.3	32++	NNW	28	97	95	58	71	6	6	6	1	1	0	20	-	7.1
HUNTINGTON WE AIRPORT	s	12	5.9	22++	WSW	28	88	91	58	61	0	3	4	2	1	0	10	-	6.5
PARKERSBURG W8 CITY	-	-	5.5	37	W	28	-	-	-	-	0	5	4	2	0	0	11	66	-

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1962 - 1963

WEST VIRGINIA

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normals July-June
ARBOVALE 2 ATHENS CONCORO COLLEGE BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP	66 16 62 21	77 18 91 17	270 151 272 182	470 303 466 346	842 681 846 705	1262 1102 1243 1151	1307 1129 1308 1177	1216 1043 1200 1073	793 554 794 578	547 362 537 370	364 199 335 213	98 41 128 63 63	7312 5599 7282 5896	6667 5313
BENSON BENS RUN BERKELEY SPRINGS BIPCH RIVER 6 SSW BLUEFIELO FAA AIRPORT	9 8 2 26 12	3 4 1 89 9	155 143 169 272 182	297 289 334 454 346	688 710 760 882 730	1130 1203 1130 1316 1138	1193 1182 1167 1348 1175	1067 1168 1092 1201 1052	611 608 671 764 551	397 378 385 368	184 206 192 270 198	15 35 25 95 46	5749 5934 5928 5807	5077 4808
BLUESTONE OAH BRANOONVILLE BUCKEYE BUCKHANNON 2 W CAIRO 3 S	6 44 18 14 4	2 46 13 10 8	120 241 178 177 160	281 420 369 343 271	673 785 764 710 659	1096 1225 1195 1144 1154	1170 1345 1253 1210 1194	1078 1275 1119 1107 1032	621 764 696 613 593	337 527 455 407 362	174 309 235 227 151	17 97 56 42 13	5575 7078 6351 6004 5601	5165 4BB0
CANAAN VALLEY CHARLESTON WB AP CHARLESTON 1 CLARKSBURG 1 CRESTON 1 SSW	103 3 4 11 7	113 0 0 10 11	307 114 - 80 171 146	500 273 220 357 298	848 661 622 703 693	1268 1052 1040 1164 1194	1348 1144 1167 1234 1299	1248 1002 1042 1103	808 476 526 633 689	562 302 300 432 420	365 148 128 211 239	173 26 13 31 34	7643 5201 5142 6060	4445 5391 4988
OUNLOW 5 E ELKINS WB AIRPORT FAIRMONT FLAT TOP FRANKLIN 2 NE	4 21 6 38 14	19 8 35 8	103 215 151 231 141	241 392 328 398	636 714 676 786 730	1151 1144 1189 1131	1133 1208 1193 1232 1070	986 1153 1111 1134 1040	434 706 585 693 632	241 462 394 450 411	108 273 171 317 226	16 76 33 110 50	6390 5800 6613	5726 5023 6182
GARY GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW	8 4 8 9 9	3 0 3 5 5	126 111 138 144 124	280 263 299 334 296	653 640 685 696 672	1028 1081 1125 1115 1134	1149 1132 1174	1024 996 1131 1057 1106	578 537 648 653 602	326 334 419 419 370	167 136 211 193 160	18 18 36 37 27	5360 5252 5877 5770	4674 4531 5104
HAMLIN HARRERS FERRY NAT MONHT HOGSETT GALLIPOLIS OAM HOREHONT HUNTINGTON FEO BLOG	7 0 9 93 1	1 0 0 101 0	122 82 118 239 86	270 157 266 499 228	677 635 661 751 583	1084 1047 1061 1301	1212 1087 1206 1315 1125	1067 1019 1088 1228 957	555 569 559 743 452	339 291 366 518 258	168 94 182 364 85	24 6 25 5	5526 4987 5541	4176
HUNTINGTON WB AIRPORT KEARNEYSVILLE 1 NW KEYSER KUMBRABOW STATE FOREST LEWISBURG 2 SSW	7 0 104 32	0 0 84 33	123 126 281 165	266 305 317	643 753 771 695	1062 1144	1170 1195	1028 1151 1207	438 681 722 599	243 393 402 375	102 190	21 45 29	5103 5983 5678	4886
LOGAN LOMOON LOCKS MAOISON MANNINGTON 1 N MARTINSBURG FAA AR	0 11 3 12 4	0 0 9 2	74 81 91 179 141	232 231 239 341 295	611 628 641 725 736	1033 1004 1079 1177 1145	1148 1100 1186 1235 1195	1000 1028 1128 1094	522 599 533 644 655	281 305 423 368	125 150 140 214 166	6 10 19 27 22	5032 5264 6114 5823	5345 5037
HATHIAS HC ROSS HIOOLEBOURNE 2 ESE MOOREFIELO MCNEILL HORGANTOWN FAA AIRRORT	21 19 7 12 7	19 5 6 6	179 166 154 152 150	363 327 300 314 322	789 714 687 715 673	1180 1151 1170 1163 1153	1168 1195 1204 1144 1184	1094 1097 1087 1041 1131	674 649 612 609 589	414 392 408 397 401	229 245 191 186 176	53 57 20 37 2B	6183 6017 5846 5776 5823	
MORGANTOWN LOCK AND OAM NEW CUMBERLAND NEW HARTINSVILLE OAK HILL PARKERSBURG FAA AIRRORT	2 2 1 14 2	7 7 2 7 0	146 131 118 147 133	302 300 264 320 290	674 676 634 710 643	1127 1181 1126 1104 1147	1183 1261 1180 1199 1209	1104 1140 1065 1124 1095	617 664 670 623 562	397 413 369 361 362	181 207 148 222 149	22 25 13 42 15	5762 6007 5590 5873 5607	5311 4910
PARKERSBURG WB CITY PAPSONS 1 SE RETERSBURG RICKENS 1 RIEOMONT	0 12 1 46 13	0 11 0 47 5	120 163 111 233 157	274 337 267 432 308	630 701 690 783 725	1111 1127 1075 1201 1148	1183 1161 1063 1269 1169	1069 1097 977 1163 1114	549 652 556 722 655	357 419 346 508 369	143 196 138 310 201	14 43 16 102 39	5450 5919 5240 6816 5903	4754 4832 5310
RINEVILLE ROINT RLEASANT 5 NNE RAVENSWOOD 0AM 22 RICHWOOD 1 E RIRLEY	5 5 6 10 3	2 0 1 11 11	117 135 115 182 126	288 265 236 358 270	665 677 638 734 674	1071 1127 1057 1173 1127	1195 1174 1127 1187 1177	1059 1021 989 1120 1024	613 526 500 769 557	337 336 317 349	167 144 131	23 22 21	5542 5432 513B	4602
ROMNEY 3 NNE ROWLESBURG 1 SPENCER SRBUCE KNOB UNION	4 7 6 58 23	2 4 2 31 22	138 162 124 225 197	298 328 269 395 351	734 692 658 811 769	1122 1124 1072 1200 1176	1117 117B 1144 1295 1215	1026 1098 1001 1199 1138	621 665 508 747 664	375 423 346 509 386	172 192 143 312 224	23 28 26 111 49	5632 5901 5299 6893 6214	4761 5329
WARDENSVILLE R H FARH WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	12 0 1 6 7	7 0 10 6	149 119 135 162 142	340 260 291 321 303	758 669 658 705 704	1142 1093 1162 1189 1111	1148 1123 1254 1260 1245	1126 1009 1128 1132 1142	686 542 626 678 633	397 343 399 43B 414	212 146 192 227 197	44 B 24 30 30	6021 5870 6158 5934	5406 5446 4744
WHEELING WARWOOD OAH 12 WHITE SULRHUR SRRINGS WILLIAMSON WINFIELO LOCKS	14 0 4	6 8 0 0	137 143 60 110	318 291 210 235	690 671 613 636	1157 1098 1005 1044	1300 1113 1131 1182	1202 1028 973 1051	700 585 478 558	424 341 220 337	236 171 89 154	30 21 3 16	6204 5484 4782 5327	5374 5144 4152 4575

STATION	K NO.	COUNTY	AGE :	TUDE	TUDE	NOLL		TLME			OBSCRUCE	STATION	K NO.	COUNTY	AGE :	TUDE	TODE
STATION	DADEX	COUNTY	DRAINAGE	LATHUD	LONGITUDE	ELEVATION	TEMP.	PRECED.	EVAP.	SPECIAL	OBSERVER	STATION	DADEX	COUNTY	DRAINAGE	LATHUDE	LONGITUDE
ALBRIGHT ALDERSON ALPENA 1 NH ARBOVALE 2 AIHENS CONCORD COLLEGE	0102 0143 0249	PRESTON MONROE RANGOLPH POCAHONTAS NERCER	2 7 2 T 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	1219 1959 3020 2730 2600	5P 3P	TA TA BA 3P		н	MONONGAHELA POWER CO. RASSIB L. SIMS OMER S. SMITH MRS. NETTIE R. SMEETS CONCORO COLLEGE	MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOMKA MC NECHEN DAM 13	5712 5739 5747	BERKELEY BERKELEY HARDY MERCER HARSHALL	9 9 7 6	39 24 39 26 36 52 37 25 39 59	T7 78 78 81 60
BAYARD BECKLEY V A HOSPITAL BELINGTON BELLEVILLE OAM 20 BELVA	0580	GRANT RALEIGH BARBOUR WOOD NICHOLAS	9 7 10 8 4	39 16 57 4T 39 02 39 09 38 14	79 22 81 11 79 56 81 45 81 12	2979 2930 1679 600 748	5P 6P	7A 8A 7A 7A 7A		н	HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARO CORPS OF ENGINEERS RAYHONO E. PHILLIPS	HC ROSS HEADOW BLUFF 2 S HIDOLEBUURNE 2 ESE MOOREFIELD 2 SSE MOOREFIELD 2 SSE	5963 6163	GREENBRIER GREENBRIAR TYLER HARDY HARDY	4 4 6 9 9	37 59 37 55 39 29 39 02 39 09	60 60 60 76 78
BENSON BENS RUN BERKELEY SPRINGS BIRCH RIVER & SSW BLUEFIELD FAA AIRPORY	0487 0710 0844	HARRISON TYLER HORGAN NICHOLAS MERCER	10 8 9 4 7	39 09 39 28 39 37 38 25 37 18	80 33 81 06 78 14 80 47 81 13	1080 644 640 1885 2805	4P 8A 6P 6P N10	4P 8A 6P 6P M10		н	CLARKSBURG WATER BOARD ROBERT N. HALL H. M. RUPPENIHAL. 111 SOUTHEASIERN GAS CO. FED. AVIATION AGENCY	MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAN MT STORM MAOMA MEN CUMBERLANO	6212	HONONGALIA HONONGALIA GRANT RALEIGH HANCOCK	6 6 9 4 8	39 38 39 37 39 17 37 52 40 50	79 79 79 81 60
BLUESIONE OAN BRANCHLANO BRANOONVILLE BRUSHY RUN BUCKEYE	1075	SUMMERS LINCOLN PRESTON PENDLETON POCAHONTAS	7 3 2 9 7	37 39 38 13 39 40 38 50 38 11	80 55 82 12 79 37 79 15 80 08	1388 600 1798 1375 2100	BA BA 5P	8A 7A 8A 7A 7A	BA	СН	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE HISS LLEAM WALTON	NEW MARTINSVILLE OAK HILL OMP5 PARKERSBURG FAA ALRPORT PARKERSBURG WB CITY	6591 6674 6849	WETZEL FAYETTE MORGAN WOOO WDOO	8 7 9 8	39 39 37 38 39 30 39 21 39 16	80 61 78 81 61
BUCKHANNON 2 W BURMSYILLE CAIRO 3 5 CAMOEN ON GAULEY CANAAN VALLEY	1282 1528 1363	UPSHUR BRAXTON RICHIE WEBSTER TUCKER	10 5 9 4 2	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	1445 770 680 2100 5250	6P 6P 6P	6P TA TA 6A 6P		н	OR. ARTHUR B. GOULO JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON	PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEDMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANGOLPH NIMERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 79 80 80
CENTRALIA CHARLESTON WB AP CHARLESTON 1 CLARKSBURG 1 CLAY 1	1570 1575 1677	BRAXTON KANAWHA KANAWHA HARRISON CLAY	4 6	98 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	M10 9A MID	94			NRS. CLARA F. HOLDEN U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY MRS. SARAN B. FRANKFORT	PINEVILLE POINI PLEASANT 5 NNE PRINCETOM RAVENSHOOD OAM 22 RENICK 2 S	7112 7201 7352	WYONING MASON MERCER JACKSON GREENBRIER	3 8 7 8 7	37 35 38 55 37 22 38 57 37 56	81 82 81 61 80
CLENOENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK	1959 2054 2209	KANAWHA KANAWHA WIRT TUCKER RALEIGH	4 5 2 4	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	613 640 648 3120 1264	7A	8A 7A 7A		C H	KATHERINE M. RADER HOPE MATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL	RICHWOOD RIPLEY ROMNEY 3 MME ROWLESBURG 1 57 MARYS	7552 7730 7785	MICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS	8 9 2 8	38 49 38 49 39 23 39 21 39 23	80 81 78 79 81
DUNLOW 9 E ELKINS WB AIRPORT ELLEMBORO FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANDOLPH RITCHIE MARION MERCER	10 5 6 7	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 0T	850 1970 805 1298 3229	H10	NIO 7A		C HJ	KELLY BROWNING U. S. WEATHER BUREAU MMS. RUBY L. GORRELL CITY FILTRATION PLANT FRED E. BOWLING	SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG SMITHVILLE	7889	HARRISON HARRISON OOODRIGGE RITCHIE	6 6 8	39 18 39 17 39 17 39 04	80 80 80
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3230 3393 3361	PENDLETON LEWIS MC DOWELL BRAXTON GILMER	9 6 1 4 5	38 40. 39 06 37 22 38 40 38 57	79 19 80 31 81 33 80 46 80 49	1900 1030 1426 840 829	6P 6P 6P	TA BA 6P 7A		C C C H	GEORGE O, HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. OICK W. BEALL	SPENCER SPRINGFIELD 1 M SPRUCE KMOB STONY RIVER OAM SUMMERSVILLE 3 NE	8409 8433 8936	ROANE MAMPSHIRE PENGLETON GRANT NICHOLAS	5 9 9	38 48 39 28 38 41 39 08 38 18	81 78 79 79 80
GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	10 9 3 4 10	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	1230 730 950 1501 1375	5P 8A	SP BA TA		c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN O. MOORE NRS. LELA N. CARTER MRS.OPAL R. JACKSON	SUTION RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	4 2 2 4 10	38 39 39 27 39 09 38 41 39 19	80 79 79 81 80
HAMLIN MARPERS FERRY MARPERS FERRY NAT MONMT MASTINGS MICO	3927 3932 3974	LINCOLM JEFFERSON JEFFERSON WETZEL FAYETTE	3 9 9 8 7	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	642 409 220 760 1970	8A 5P	8A 7A 5P 3P 7A			W. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILDRED E.CRIST	UNION VALLEY BEND VALLEY MEAD VANOALIA WARDENSVILLE R N FARM	9068 9086 9104	MONROE RANDOLPH RANDOLPH 'LEWIS HAROY	7 10 10 6	57 36 38 46 38 33 38 56 39 06	80 79 80 80 78
HOGSETT GALLIPOLIS OAM HOPEMONT HORNER HOULT LOCK 15 HUNORED	4264 4281 4309	MASON PRESTON LEWIS MARION WETZEL	8 11 6 6 8	38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 08 80 27	570 2490 1075 878 1034	7A 5P	7A 7A 4P 12M	7A	С	CORPS OF ENGINEERS HRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS HFGRS. LT. + HT. CO.	WASHINGTON DAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOO WEBSTER HANCOCK BROOKE LEWIS	8 8 8 6	39 15 38 29 40 24 40 18 39 02	81 80 80 80
HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LAEGER IRELANO JANE LEW	4393 4408 4478	CABELL CABELL MC DOWELL LEWIS LEWIS	8 1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25		WID WIO			С н.	CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD DAN 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY NINGO NINGO	7 6 1 1	40 06 37 48 38 28 37 40 37 40	80 80 80 82 82
KEARMEYSVILLE 1 MW KERMI7 KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANDOLPH MONONGALIA	9 1 9 10 2	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 8D 05 79 51	550 620 930 3210 900	SP SP	8A 7A 5P 5P 7A		Н	WB AGRICULTURE SER. OFF. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUPT. WEST PENM POWER CO.	WINFIELD LOCKS  NEW STATIONS  BECKLEY WB AIRPORT MOUNDSVILLE	0582	PUTNAM RALEIGH MARSHALL	7 8	38 32 37 47 39 54	81 81 80
LEWISBURG 2 SSW LINOSIDE LIVERPOOL LOCKNEY LOGAN	5284 5323 5341	GREENBRIER MONRDE JACKSON GILMER LOGAN	7 7 8 5 3	37 46 37 27 38 54 38 51 37 51	80 28 80 40 81 32 8D 58 82 00	2185 2000 665 720 664	5P BA	5P		H C C C C	RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CD. COY E. MARSHALL	SMOOT	8295	GREENBRIER	4	37 52	80
LONOON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MANNINGTON 1 W MARLINTON	5365 5563 5621 5626	KANAWHA BOONE MARION MARION PDCAHONTAS	6	38 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 05	623 675 975 995 2150	7A 8A 6P	7A 8A 6P 7A		H	CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN DRA G. FROST CECIL A. CURRY						

STATION	EX NO.	COUNTY	AGE 1	THUDE	CITUDE	ATION		BER TAI		D	OBSERVER
SIATION	INDE	COUNTY	DRAINAGE	LAT	LONG	ELEV	100	PRECE	EVA	SPECIAL	OBSERVER
MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS HATOAKA HC NECHEN OAM 13	5712 5739 5747	BERKELEY BERKELEY HARDY MERCER HARSHALL	9 9 9 7 6	39 24 39 26 36 32 37 25 39 59	77 59 78 00 78 52 81 13 60 44	917 919 1629 2980 699	H1D 6P	H10 6P 7A 7A		C H	PED. AVIATION AGENCY ROBERT L. CRITHELL VIPELL L. HAINJAS RAY B. THOMPSON COMPS OF ENGINEERS
HC ROSS HEADOW BLUFF 2 S HIDDLEBOURNE 2 ESE MOOREFIELD 2 SSE MOOREFIELD MCHELL	3446 5963	GREENBRIER GREENBRIAR TYLER HARDY HARDY	4 4 6 9 9	37 59 37 55 39 29 39 02 39 09	60 45 60 40 60 52 76 58 78 56	2449 2490 750 630 800	5P 7P 6P	5P 7A 7P 6P		H HC	PUSSELL O. AMICE DVEO TO SMOOT -8295- JOHN w. CRUMPINE MBS. ZELLA H. JETTER MBS. JOHN w. SAVILLE
MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAN MT STORM NAONA NEW CUMBERLAND	6212	MONONGALIA MONONGALIA GRANT RALEIGH HANCOCK	6 6 9 4 8	39 38 39 37 39 17 37 52 40 50	79 55 79 58 79 14 81 29 60 36	1245 625 2845 1210 750	MID TP	MIO TA BA		CCC	FED. AVIATION AGENCY CORPS OF ENGINEERS NOS. EILEEN MINNICK VIRGIL G. #EBB WILLIAM B. MURRAY
NEW MARTIMSVILLE OAK HILL OMPS PARKERSBURG FAA AIRPORT PARKERSBURG WB CITY	6991		0 7 9 8	39 39 37 98 39 30 39 21 39 16	80 52 61 09 78 17 81 26 61 36	637 1991 950 837 615		6P 7A 7A HID HIO		C H C HJ	OR. 2. « AMPROM MILES H. MARTIN MRS. E. M. MOVERMALE U. 9. MEATHER BUREAU U.S. MEATHER BUREAU
PARSONS 1 SE PETERSBURG PMILIPP1 PICKENS 1 PIEDMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANGOLPH NIMERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 T9 02	1680 1013 1281 2699 1053	5P 6P 7P 8A	5P 7A 7A 7A 8A		н	FERNOW EXP. FOREST MRS. BESS 5. MOHL MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER, JR.
PINEVILLE POINI PLEASANT 5 NNE PRINCETON RAVENSHOOD OAM 22 RENICK 2 S	7201	WYONING MASON MERCER JACKSON GREENBRIER	3 8 7 8 7	3T 35 38 55 37 22 38 57 37 56	81 32 82 07 81 05 61 46 80 21	1280 610 2410 384 1900	7A 3P 4P	7A 3P 7A 7A 8A		н	JAMES G. MC DERNITT UNIVERSITY OF W. VA. M. VA. WATEP SVC. CO. CORPS OF ENGINEERS MRS. MARY V. MC FERRIN
RICHWOOD RIPLEY ROMMEY 3 NME ROWLESBURG 1 57 MARYS	7992 7730 7785	MICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS	8 9 2 8	38 49 38 49 39 23 39 21 39 23	80 31 81 49 78 44 79 40 81 12	2300 610 640 1375 650	6P 5P 5P 7P	6P 3P 5P 7A 5P		н	OAYTON C. WEBB CITY OF RIPLEY MIBS FRANCES VANCE MRS. MAUGE C. BOLYARO JOHN H. INGRAM
SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG	7889	HARRISON HARRISON OOODRIGGE	6 6 8	39 18 39 17 39 17	80 35 80 36 80 44	1120 1120 795		BA		C	CLOSEO T-1-62 CLOSEO T-1-62 HOPE MATURAL GAS CO.
SMITHVILLE		RITCHLE	5	39 04	81 05	840				<	HOPE MATURAL GAS CC.
SPENCER SPRINGFIELD 1 N SPRUCE KHOB STONY RIVER OAN SUNMERSVILLE 3 NE	8409 8433 8536	ROANE MAMPSHIRE PENGLETON GRANT NICHOLAS	5 9 9 9	38 48 39 28 38 41 39 08 38 18	81 21 78 42 T9 31 79 18 80 48	964 795 3050 3400 1850	6P 8A	8A 8A 7A		с н	W. VA. WATER SVC. CO. HARRY L. GRACE HARRY J. GORDON FREO C. BECKER CHARLES F. GUN
SUTION RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	4 2 2 4 10	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A	c c	CORPS OF ENGINEERS CMARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS
UNION VALLEY BEND VALLEY HEAD VANDALIA WARDENSVILLE R N FARM	9068 9086 9104	MONROE RANDOLPH RANDOLPH 'LEWIS HAROY	7 10 10 6	57 36 38 46 38 33 38 56 39 06	80 32 79 56 8D 02 80 24 78 35	1975 2010 2429 1120 960	7A 9A	7A 7A 7A 6P 9A	9A	c c	MRS.TMELMA SPANGLER MRS VIOLET L. SMECKER KENT SWECKER CLARKSBURG WATER BOARD UMIVERSITY EXP. STA.
WASHINGTON DAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9345	WOOO WEBSTER HANCOCK BROOKE LEWIS	8 8 8 6	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	SP 6P 6P 7A	7A 7A 6P 6P 7A		С	CORPS OF ENGINEERS THOMAS W. HOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HERRY. JR.
WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY HINGO HINGO	8 7 4	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	8A 5P 8A	7A 7A 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
WINFIELD LOCKS	9683	PUTNAM	4	38 32	81 SS	571	7A	7A		н	CORPS OF ENGINEERS
MOUNOS VILLE	624B	RALE1GH MARSHALL GREENBR1ER	7 8 4	37 47 39 54 37 52	81 07 80 45 80 40	2504 620 2540	MIO SP	MTD 5P 7A		J	U,S, WEATHER BUREAU MOUNDSVILLE SWG. TRIMT.PL JOHN P. JONES

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#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Weather Bureau Office, Box 986, Parkersburg, West Virginia, or to any Weather Bureau Office near you,

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table,
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

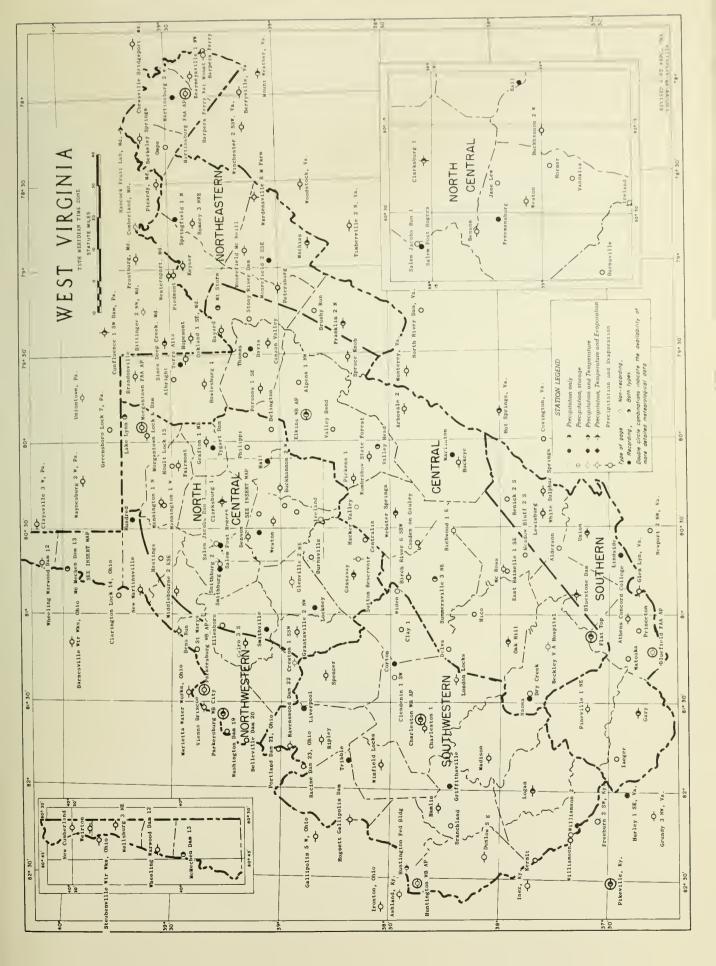
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station lndex means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\text{\textbf{X}}}$  Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station lndex means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---10-23-63--725









51.05 INWE

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

AUGUST 1963 Volume 71 No. 8



### WEST VIRGINIA - AUGUST 1963

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 4th at Williamson

Lowest Temperature: 32° on the 15th at Canaan Valley

Greatest Total Precipitation: 7.72 inches at Thomas

Least Total Precipitation: 1.43 inches at Wellsburg 3 NE

Greatest One-Day Precipitation: 4.40 inches on the 4th at Ripley

### SPECIAL WEATHER SUMMARY

According to station records for Charleston and Huntington, this cool month established new daily minima on the 15th and 16th; Parkersburg also established a new record on the 15th.

H. C. Dwelle Weather Bureau Meteorologist in Charge Weather Bureau Office Box 986 Parkersburg, West Virginia

				Ten	pera	ture											Preci	pitotion					
										٨	ło. of	Doy						Sno	w, Stoot		h	lo. of	Daye
\$totion	ege Envir	e Bo	900	rhure Normal	ž		45		se Days	M	DA.	Mi	n.		Mormal	atest Day			Depth		- More	r More	or More
	Average Maximum	Average	Average	Departure From Nor	Highest	Date	Lowe	Date	Degu	90° er	32° er Below	Pales a	Below	Total	Departura From Nor	S-S-S	Dane	Total	Max. on G	Date	.10 or	.50 or	3.0
NORTHWESTERN																	-						
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNDSVILLE NEW CUMBERLANO NEW MARTINSVILLE PARKERSBURG FAA AIRPORT PARKERSBURG WA CITY WEIRTON WELLSBURG 3 NE WHEELING WARWOOO OAM 12	80.9 83.5 91.4 84.3 81.4M 82.3 80.9 81.4 81.0 82.3 81.0	55.5 56.8 56.2 57.7 56.9M 58.9 60.1 60.1 57.9 53.9 57.2	68.2 70.2 68.8 71.0 69.2M 70.6 70.5 70.8 69.5 68.1 69.1	- 6.7 - 2.9 - 4.4 - 3.7 - 4.0 - 3.6 - 3.7 - 4.2	89 92 90 89 88 89 88 90 87 87	13 4 19 8 1 3 8	47 49	16 16+ 15 26+ 15 15 16+ 15 26+	177 11666 14436677 2412	2 1 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0	0000000000	0 0 0 0 0 0 0 0 0	5.06 3.43 3.75 2.30 1.51 6.58 3.55 2.44 1.71 1.43	54 55 56 - 2.11 2.21 - 1.34 - 2.42 - 1.08	2.28 1.03 .97 .71 .69 3.05 1.13 .66 .72 .32	13 14 4 20 4 3 3 20 30	.0 .0 .0 .0 .0 .0	0000000000		7 8 6 5 4 8 6 5 3 5 5	5 2 3 2 1 3 4 2 2 0 2	1 1 0 0 0 2 1 0 0
OIVISION NORTH CENTRAL			69.6	- 3.9									ļ	3.10	89			•0					
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN LOCK ANO OAM WESTON	81.5 79.3 79.7 78.1 81.2 81.4M 81.3 83.4 81.4 80.3 78.6 80.7 82.1	56.0 55.3 57.1 58.0 60.2 57.2M 54.7 56.5 55.1 57.9 58.3 57.7 57.1	68.8 67.3 68.4 68.1 70.7 69.3M 68.0 70.0 68.3 69.1 68.5 69.2 69.6	- 3.2 - 3.2 - 3.7 - 5.1 - 5.3 - 3.3 - 2.8	87 86 88 85 91 89 96 88 87 85 87	1 3 4 1 2 1 3 1 1 1	43 42 47 45 50 47 45 40 46 45 48	16 15 15 16 15 14 14 26 16+ 15	10 15 11 11 4 11 10 12 14 9 7 6	0 0 0 1 3 0 0 0 0	00000000000	000000000000	000000000000000000000000000000000000000	5.56 5.44 5.76 5.91 6.32 3.61 5.77 3.15 5.82 6.91 3.41 3.78 6.00	1.25 .61 1.30 1.71 - 1.01 1.12 1.16 2.32 48 1.37	1.95 1.48 1.83 2.06 3.25 .74 1.80 .70 1.90 3.32 .85 1.04 2.41	4 4 3 4 20 4 4 4 4 29	.0 .0 .0 .0 .0 .0 .0 .0 .0	0000000000000		7 8 7 7 7 7 9 6 6 8 7 8 8	3 4 4 4 4 3 5 4 4 4 3 3 4	2 2 2 2 1 0 2 0 2 2 0 1 1
OIVISION			68.9	- 3.7										5.19	•65			•0					
SOUTHWESTERN																							
CHARLESTON WB AP CHARLESTON 1 OUNLOW 5 E HAMMIN HOGSETT GALLIPOLIS OAM HUNTINGTON WB AIRPORT LOGAN LCHOON LOCKS MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WILLIAMSON WINFIELD LOCKS	80.4 83.5 83.2 79.6 80.5 85.4 78.5 82.7 83.0 81.3 84.0 81.3 87.7 82.9	60.0 62.1 60.7 58.4 58.8 60.2 62.4 62.2 56.4 57.1 57.7 57.3 60.5	70.2 72.8 72.0 70.8 69.2 70.4 73.9 70.4 69.7 70.2 70.9 69.3 71.7	- 3.9 - 3.9 - 1.4 - 3.3	91 93 92 94 90 96 87 92 92 94 90 98	4 4 3	48 48 0 8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	16 15 17+ 17+ 15 16+ 17+ 16 16+ 16+ 16	6 2 6 8 12 9 1 2 2 9 8 6 11 1 0 4 4	1 1 5 0 1 2 2 1 2	00000000000000	000000000000000	000000000000000000000000000000000000000	2.85 2.77 1.92 2.95 3.09 1.61 2.70 2.91 3.08 2.10 7.48 6.05 1.90	- 1.10 - 1.18 .56 20 - 2.39 - 1.31 2.02 - 2.40 .02	1 • 23 1 • 07 • 38 • 64 1 • 12 • 89 • 80 • 60 • 71 1 • 02 • 83 4 • 40 3 • 08 • 42 • 78	7 10 20 20 19 20 20 8 19 20 4 4	•00 •00 •00 •00 •00 •00 •00 •00 •00 •00	000000000000000		6 8 6 5 8 7 5 7 8 5 5 6 7 7 7	0	1 0 0 1 0 0 0 1 0 0 2 1
OIVISION			71.3	~ 3.5										3.22	58			•0					
CENTRAL																						ŀ	
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	76.2 74.1 77.7 76.2 77.5 77.1 80.2 72.9 76.6 72.7 73.8 77.9 80.4 78.9 74.3 M	52.1 50.4 55.0 56.3 53.5 51.3 55.1 49.2 53.8 54.2 55.5 55.2 55.2 55.2 55.3 852.1	64.2 62.3 66.4 66.3 65.5 64.2 67.7 61.1 65.2 63.5 64.7 67.8 63.2 70.4	- 3.0 - 2.9	844 79 85 86 85 89 82 82 84 81 88 86 79	3 3 1 3 17 3 8 3 4 1 3 4+1	45 41 46	15 15 15 16 15 16 15 16+ 16+ 16 15 15	58 966 28 31 33 64 11 123 36 70 112 21 20 8 74	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2 · 82 5 · 12 5 · 53 3 · 27 4 · 56 4 · 58 2 · 77 4 · 70 2 · 49 4 · 77 3 · 56 6 · 80 6 · 39 3 · 62 4 · 77	- 1.07 .42 1.00	.86 1.14 1.78 1.08 2.77 .99 .71 1.07 .86 .89 1.95 1.95 1.95 1.95 2.94 1.70	48 749 220 445 29 78 443 44	.00	0000000000000000000		6 9 10 6 5 8 9 11 6 5 6 10 9 9 8 7 8 9 6	3432312234325515	0 0 2 3 1
OIVISION			65.3	- 2.5										4.31	63			•0					
SOUTHERN  ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM GARY LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS OIVISION	78.7 76.0 81.5 83.0M 81.2 81.5 80.0 82.6	55.6 59.0 59.8 58.0M 55.3 58.7 52.8 56.5	67.2 67.5 70.7 70.5M 68.3 70.1 66.4 69.6	- 2.5 - 3.9 - 1.6 - 3.1	88 87 92 94 94 92 91 95	3	49 51 48 43 50 39	16 16+ 15	15 19 5 7 13 6 27 9	0 1 1 2 1 1	00000000	0000000	00000000	2.68 2.90 2.79 4.26 2.50 5.17 2.50 3.15	•19 - •88 - •69 - •61	.88 .87 .97 1.59 .54 1.61 .94	7 20 21 20 21 8	.0 .0 .0 .0 .0	00000000		6 6 4 7 7 7 6 8	3 1 3	0 0 1 0 2
NORTHEASTERN																							
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW	83.1 80.5 87.0 83.2	56.3 55.0 61.3 56.8	69.7 67.8 74.2 70.0	- 3.7	90 86 93 90	17		15 15	15 10 1 18	10	0 0 0	0 0 0	0 0 0	1.82 2.00 3.41 3.19	- 1.01	•51 •65 1•17 •88	20	•0 •0 •0	0 0 0		5 7 6		

CONTINUED

				Tem	perot	ure										Precip	pitotion				
										No	o. of [	Days					Sno	w, Sleet		No.	of Doys
Station	Average	Average Minimum	Average	Departure Fram Narmal	Highest	Date	Lawest	Dote	Degree Doys	90° or Above	5 3 6	Below Below	Totol	Deporture Fram Narmal	Greotest Day	Date	Tatal	Max. Depth an Graund	Dote	.10 or More	
KEYSER MARTINSBURG FAA AP MATMIAS MOOREFIELO MCNEILL PETERSBURG PIEDMONT ROMENEY 3 NNE WAROENSVILLE R M FARM	84.2M 83.8 81.0 84.7 84.9 80.8 84.3 83.1	54.0M 57.9 53.0 52.4 55.9 58.1 55.5 55.0	69.1M 70.9 67.0 68.6 70.4 69.5 69.9 69.1	- 3.3 - 2.2 - 2.7 - 2.0	88 90 94 87 90	17 17 1 11 23+	44 39 39 41 49 41	26 15 26+ 15 15	10 22 14 7 8 10 21	0 1 4 0	0000000	0 0 0 0 0 0 0 0 0 0 0 0	2.54 2.63 3.95 3.80	- 1.68	1.00 1.15 1.80 .74	13 20 21 22 20	•0 •0 •0 •0	0 0 0 0		6 5 8 8 6 7 5 5	3 1 2 0 2 1 4 1 2 1 3 0 3 1 2 0
OIVISION			69.7	- 2.6									3.07	97			•0				

											AUGUS1 1961
Station	Total	1 2 3	4 5 6	7 8 7 9	10 11 12	Day of Month	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30 31
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE	4.58 2.39 5.20 2.82 2.68	T .2	1.25	.06 .20 .63 .10 .55	.28 T	13 14 13 12 1-10 15 04 -55 05 33	.17	.99 .15 .80 .89 .10 .64 .15	.24	•02 •15 •17 •05 •88	.34 .55 .07 .05 .77 .10
BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BELINGTON BELLEVILLE OAM 20	5.12 5.53 3.27 6.01 2.16	T .33 .32	1.14 .20 .15 3 2.00 .10	.06 .17 1.78 1.08 .11 .33 .22 .13	+11	•20 1•12 •12 •17 •36 •02 •15 1•09 •37 •39	т	.97 .05 .80 .74 .57 .38 .02 1.18 .07	.04 .93	•18 •07 •25 •52 ¶ •05 •02 ¶	.45 .43 .04 .03 .06 .78 .06
BELVA BENSON BENS RUN 1 SSE BERKELEY SPRINGS BIRCM RIVER 6 SSW	3.09 5.56 5.06 1.82 4.56	. 2	.55 .06 7 1.95 2.28 5 .10 2.77	7 •96 •40 •51 •03 •03 •47	•06 •50	.07 .28 .94 .35 .70 .55	.01	.93 T 1.33 .27 .46	⊕Ofi T	•12	.06 .12 .16 .03 .39 .07
BLUEFIELO FAA AIRPORT BLUESTONE OAM BRANCMLANO BRANOONVILLE BRUSHY RUN	2.90 2.79 3.12 4.38 2.47	•02 •05 •54	•02 •76 •07 •85 •95	.87 .90 .13 .10 .06 .04	.01 .02 .35	•74 •27 •02 •32 •46 •75 •02 •10	т	.20 .14 .50 .97 .07 .71 .24 .48 .34	· 05	+40 T +47	•02 T •99 •06 •13
BUCKEYE BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMOEN ON GAULEY	2.77 5.44 3.21 3.43 4.75	T .30 .30 .27 T .23	.46 .20 0 1.48 T .77 .23 1.51 .67	.47 .43 T .25 .42	.05 .10 .02 .45	.10 .11 1.36 .05 .40 .35 1.03 .03 .29	T T	.71 .03 .58 .59 .50 .12 .69 .14 .57 .03	•05	•43 •14 † •01	7 .11 7 .45 .04 .05 .47 .15 7
CANAAN VALLEY CENTRALIA CMARLESTON WB AP CMARLESTON 1 CLARKSBURG 1	4.70 6.55 2.85 2.77 5.76		7 1.07 2.42 1.18 .63 .57 .03 7 1.83	.42 .03 .24 1.23 .10	*03 T T	.52 .12 .11 .41 T .16 T .11 .12	!	.04 .47 T .91 .41 .32 T .36 T	•10 •02 •05 T	•09 T •07 T •01	.47 .45 .19 .56 T .34 .10 .28
CLAY 1 CLENOENIN 1 SW CRESTON 1 SSW ORY CREEK OUNLOW 5 E	4.04 3.71 3.75 3.94 1.93	*03 *10 *03 *14	2.00 .20 1.19 .23 .48 .06 .36 .12 .21	**************************************	•12 •06 •30	.08 .10 .09 .67 .97 .16 .46		.90 .63 .05 .81 .06 .75 .59	Т	.05	T .43
ELKINS WE AIRPORT ELLENBORO FAIRMONT FLAT TOP FRANKLIN 2 NE	3.34 6.39 5.91 2.49 2.00		2	.44 T .35 .42 .37 .55	₹ T •37	.33 .02 .52 .34 1.36 .02 .55	•18	.85 .03 T .52 .40 .04 .23 .25	.01	*01 *33 *89	.40 .08 .29 .10 .82
GARY GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW	4.26 6.32 3.61 5.77 3.15	T T .02 .21	3.25 .48 0 1.80	.82 .28 .66 .17 .10 .40 .24 .07	•20 •07 •27	.42 .21 .27 .50 .69 .97 .66 .42		.56 1.59 .60 .75 .74 .02	• 05	•01 •42 •07	.03 .44 .02 .32 .85
MACKER VALLEY MAMLIN MARPERS FERRY MARPERS FERRY NAT MONMT MASTINGS	7.70 2.02 2.63 3.41 7.36	.40 T .00	2.35 .93 .27 .15 6 .21 5 3.02	•17 •18 •02 •05 •55 T T	•43	*13 *62 *31 *02 T *80 *52 *70 *95 *40 T	т	1.36 .67 .64 .02 1.04 .22 1.17 .19	.10	.03 .02 .05 .11	•12 •92 •04 •04 •29 •41 •70 T
MICO HOGSETT GALLIPOLIS OAM MOPEMONT HORNER MOULT LOCK 15	3.19 3.95 4.77 5.60 5.75	•17 •08	.46 .04 .38 .14 3 1.98 2.99	.03 .77	•09 •19 T	.09 .32 .57 .07 .87 .90 1.89 T .54 .45	+24 +09	T •76 •75 1•12 •16 •60 •04 •87 •29		.02 .05	.02 .02 .45 1.95 .25 .99
HUNTINGTON W8 AIRPORT TAEGER IRELANO JANE LEW KEARNEYSVILLE 1 NW	3.09 2.57 3.87 5.38 3.19	•09 •0 •4	•27 •04 5 1•18 3 1•32 •17	.65 .23 .76 .19 .36	•02 •02	.42 .46 .02 .42 .35 1.03 .44		.89 .17 .01 .58 .50 .47 1.34 .10	•02	.03 .70	7 •39 •60 •17 •02
KERMIT KEYSER LAKE LYNN LEWISBURG 2 SSW LOGAN	3.72 3.22 2.50 1.61	•28 •07 T	•30 •69 •25 •33 •16 T	•12 •12 •02 •12 •45 •06 •15	•03 •01 •22	- .96 .15 T .98 .22 .03 .18 .09	-	.42 - .53 .27 .43 .08 .54 .06		.20 .20	
LONOON LOCKS MAOISON MANNINGTON 1 N MANNINGTON 1 W MARTINSBURG FAA AP	2.70 2.91 5.82 5.53 2.5	•10 •23 1•2	3.02	**T **52 **71 **35 **25 **18 **09	•14 •45	•10 •57 •21 •14 •70 •05 •16 •68 •97	T	.60 .16 .57 T .35 .05 .41	•01	T •06 T	T T T
MATHIAS MATOAKA MC MECHEN OAM 13 MC ROSS M100LE80URNE 2 ESE	2.63 2.44 2.72 3.58 6.91	•35 T	1 • 54 1 • 35 • 37 9 3 • 32	.27 .39 .04 .04 .78 .28 .71 .13	•02 •06	.17 .48 .07 .44 .27		1.00 .24 .06 .53 .60	•14 •28 •30	.25 .45 T .15 .12	•10 •70 •12 T •30 T
MOOREFIELO MCNEILL MORGANTOWN FAA AIRPORT MORGANTOWN LOCK ANO OAM MOUNOSYILLE MT STORM	3.95 3.41 3.78 2.30 4.67	*05 *1 *5 *08 *0 *01 *5 *18 *22	5 •35 3 1•04	*12 *17 T *06 *14 *26 *05 *12		*61 *57 T *10 *60 *25 *02 *22 1*11		.60 1.15 .32 .11 .29 .04 .06 .03 .59 .01	•10 T •02	•01	.72 .85 .44 .03 .74 .24 .41 .35 .05 .36 .68
NEW CUMBERLANO NEW MARTINSVILLE OAK HILL OMPS PARKERSBURG FAA AIRPORT	1.51 6.58 3.04 3.00 3.55	•04 •1 •00 1•1	3.05 6 .43 .13 .23	**************************************	+13	•12 •09 •77 •15 •13 •76	T +08	.07 .69 .25 .10 .60 .43 .64 .63	•03 •43 •01	3	T •09 •43 T •01 •73 T •10 T
PARKERSBURG W8 CITY R PARSONS 1 SE PETERSBURG PMILIPPI PICKENS 1	2.44 6.80 3.80 6.34 6.39	• 0	0 1.70 .01	.49 .34 .35 T .28 .25 .23 .16	•02 T	.53 1.24 .07 T .35 .45 .47 T	т т	.34 T .91 .27 .62 1.48 T .99 .33	*05 *02 1.80	T •43 •19 •06	.02 T .77 .02 .24 .25 .53 T 1:11
PIEOMONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAM 22	3.42 5.17 3.08 2.97 2.10	• 05	.36 .09 .48	•11 •03 •75 •46 •45 •05 •22	.05 1.33 .25 .03 .33	.39 .72 .29 .20 .71 .26 .12	•01	.74 .01 .39 1.61 1.02 .08 .24 T .83	T 1.08	.01 .03 .01 .02 .66	•24 •68 •08 •03
RENICK 2 S RICMWOOD RIPLEY ROMMEY 3 NNE ROWLESBURG 1	3.07 3.20 7.48 3.51 6.79	*20 1.3 T *02 .2	.16 4 4.40 3 .19 2.05	.37 .06 .43 .45 .35 .08 .10 .20	.06 .04 .38	.23 .05 .19 .90 T .78 .48 1.16	т	1.72 .06 1.25 .12 T .80 .01 1.30 .05	Ť	T •20 T •06 T	*16 *30 *19 *08 1*40 *63 *82
ST MARYS SMOOT SPENCER SPRUCE KNOB STONY RIVER OAM	5.57 1.58 6.05 3.62 5.13	•02 •15 •0 •20	2 2.14 3.08 5 .94 1.34	.63 .36 .22 .16 .11 .25	•71 •04	.39 1.03 .56 .32 .05 .20 .25 .92		.24 .05 1.25 .89 .08 .49 .23	.82 .16	*35 T T *15 *07	.06 .03 T .37 1.04 .13 .13
SUMMERSVILLE 3 NE SUTTON RESERVOIR THOMAS UNION VALLEY BENO	5.21 5.88 7.72 2.50 1.87	.13 .03 .08 .20 .02 .13	1.65 2.59 .98 1.90 .02	.75 .01 .45 .09 .36	•03	.76 •12 •19 •08 1•54 •29 •05 •43 T	T •02	1.82 .82 .07 1.04 .03 .29 .35	•34 •02 •04	•10 •10 T •23 •05 •04	•01 •48 •60 1•01 •20 •55
VALLEY MEAO VANOALIA WAROENSVILLE R M FARM	5.19 6.03 2.83	•27 •0 •3	4 1.26 1.43 0 2.69 .47	•13 •24 •04	•04	.05 .50 1.00 T .04 .34		.72 .03 .88 .28 .65 .92		•14 •01 •04	•12 •45 •45 •02 •35

## DAILY PRECIPITATION

WEST VIRGINIA

Continued																			_											AU	3051	1963
Ch. II.	Total													Day	of N	Ionth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
WASHINGTON OAM 19 WEBSTER SPRINGS 1 E WELLSBURG 3 NE WESTON WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS WIOEN WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS	2.74 4.77 1.71 1.43 6.00 2.30 3.15 4.49 1.90 1.68	•02 •03		.04	.03 2.41 .99 .05 1.70 .07	.08		•37 •53 •25 •06 •02	•29	•02 T	.04	• • • • • • •		.07	.72 .15 .64 .62 .08 .01			T	.03 .19	.03	.09 .96 .07 .64 .82	.07 .16 .03 .12 T	. 22		Ţ	T .35	.25			.05 T .05 T .18	•03	.01 .02 .

### EVAPORATION AND WIND

<b></b>																1	Оау о	f mor	ıth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
BLUESTONE DAM	EVAP WIND MAX MIN	.10 23 85 68	.19 42 90 65	.24 30 93 65	.23 32 97 64	.14 47 87 65	.28 29 92 63	.19 21 94 63	.11 32 78 65	.19 28 91 67	29 90	29 83	.19 33 85 60	23 88	44		.13 29 82 56	.13 17 89 57	.23	.15 37 85 63	.18 19 82 63	15 81	.14 32 87 66	.13 23 87 65	.11 21 89 65	.14 23 89 67	23	24 68	25 84	82	23 77	96	8 85
CLARK5BURG 1	EVAP WIND		.19			.10 37		.10 35	.09 32						.12	.14				.10 36	.07							.10 32					8 3.
HOG5ETT GALLIPOLIS DAM	EVAP WIND		.28 58		.31 82				.20 45					.33	.19 127	.17 55	.19 32	.19	.24 62	.26 37	.38		.21			.16							8 6.
SUTTON RESERVOIR	EVAP W1ND		.23	.24 36	- 37			.16											.18 48	.14 42					.18 42	. 12 33			.22 40	.12 30	.02	.22 37	8 4.
WARDENSVILLE R M FARM	EVAP				.16 45		.23 43	.11	.16 28						.22 115	.19 53			.29 52	.25 37			.17 26		.21	. 16 58		.22 28		.18		.20 28	

MAX AND MIN IN DAILY EVAPORATION TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum		rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7,00 PM EST	Trace	.01–.09	10–.49	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	NNW	11	6.9	24++	5w	19	92	92	62	76	3	6	3	2	1	0	15	-	7.5
CHARLESTON WE AIRPORT	SW	13	4.5	21++	WNW	19	96	97	62	70	6	1	4	1	1	0	13	-	7.3
ELKIN5 W8 AIRPORT	NW	8	5.4	40++	NW	4	97	98	61	77	5	6	4	2	0	0	17	-	7.7
HUNTINGTON W8 AIRPORT	S5W	9	4.5	23++	WSW	13	92	94	62	67	1	3	5	2	0	0	11	-	7.3
PARKERSBURG W8 CITY	-	-	5.4	30	NW	13	-	-	-	-	6	3	3	2	0	0	14	48	-

### DAILY TEMPERATURES

																Day (	Ol Mo	nth		-		-											(h
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		-	-	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Avera
ARBOVALE 2	MAX MIN	82 53	82 51	84	82	76 46	79 44	75 52	80	79 51	79 54	78 52	78 41	73 55	74 53	72 40	72	70 52	76 57	76 50	79 55	78 59	A2 60	79 52	79	66	70 54	72 52	70	70	79 58	74	76.2 52.1
ATHENS CONCORO COLLEGE	MAX MIN	63	81 56	85 61	80 57	88 58	83 52	84	83 55	81 55	78 60	77 52	74 46	79 62	75 54	73 40	7 ft 55	75 54	79	80 60	75 59	78 54	7 A 5 7	79 52	80 57	90 56	75 58	78 58	7A 54	78 57	76 56	73 53	78.7 55.6
BAYARO	MAX	79 56	75 50	78 56	78 62	72 47	76 44	72 59	76 58	76 55	75 60	73 49	75 45	73 57	69 51	68	70 38	77	74 53	77	75 54	74 55	75 52	74 47	74 52	73 50	74	73 42	75 43	73 58	73 54	70	74.1 50.4
BECKLEY V A HOSPITAL	MAX	80 63	84 52	85 56	84	78 50	81 51	77 56	80 59	79 56	77 61	73 57	77 45	75 61	71 53	71	76 42	79 47	78 54	7 R 5 4	74	80 58	78 55	79 50	80 55	90 62	72 58	76 5 A	78 53	76 60	76 63	75 49	77.7 55.0
BECKLEY WB AP	HAX MIN	80 61	80 55	86	76	77 55	81 54	75 60	80 61	78 57	74 60	72 54	78 49	75 60	67 48	71 43	77 45	80 53	71 57	77 58	74 59	78 59	78 57	79 53	80 59	78 60	63 56	75 57	78 57	74 64	77 62	72 52	76.2 56.3
BENSON	MAX MIN	85 63	85 53	85 62	82	80 52	87 53	85 63	84 60	82	80 62	82 52	80 62	74 62	70 58	75 43	79 45	83 48	82 50	82 48	81	80 62	84 56	84 56	81 60	80	83 49	83 50	85 51	80 65	80 62	82 50	81.5
BENS RUN 1 SSE	MAX	86	87 54	83 59	89	84 55	78 56	85 59	77 62	82 61	85 61	80 55	81 54	83 57	81 58	72 47	73 47	77 49	83 54	73 53	7 7 52	80 60	81 58	83 58	84 59	80 59	79 47	79 48	81 53	83 55	79 58	82 52	80.9
BERKELEY SPRINGS	MAX	89	86 59	83 62	84 70	82 58	85 51	79 64	87 59	87 55	84 62	87 50	88 50	82 62	76 61	79 43	81	90 54	81 62	82 46	83 62	81 65	87 62	85 57	79 66	78 45	80 40	8 I 46	84 48	83 64	83 59	80 54	83.I 56.3
BIRCH RIVER 6 SSW	MAX MIN	82 59	80 50	86 52	81	78 51	80 51	77 55	81 58	80 55	76 60	75 51	79 46	77 57	70 55	70 42	77 40	8 I 46	74 53	78 49	70 58	79 62	80 55	79 52	80 53	74 61	75 60	78 45	82 46	72 64	79 62	74 48	77.5 53.5
BLUEFIELO FAA AIRPORT	MAX MIN	80 65	80 61	87 61	79 64	78 59	81 59	74 64	79 61	77 61	71 60	76 59	77 53	75 61	66 53	71 49	76 50	79 59	77 61	80	73 61	77 60	76 59	78 59	79 61	77 59	62 55	73 56	77 59	72 64	76 61	72 55	76.0 59.0
BLUESTONE OAM	MAX	83	86 66	87 59	92 61	84 60	84 58	87 60	79 63	83 63	82 62	77 63	74 55	83 55	80 60	72 52	77 51	83 53	86 57	80 59	82 60	79 64	84	83 61	84	86 63	80	68	78 59	81 59	79 63	83 58	81.5 59.8
BRANCONVILLE	MAX MIN	85 56	82 51	80 59	81	77 47	75 48	81 53	71 61	80 61	79 58	80 46	77 48	80 54	73 54	67 38	72 40	76 44	79 54	71 44	78 50	74 60	80 57	80 54	74 50	74 39	75 44	78 48	79 52	79 52	77 53	77 51	77.1 51.3
BUCKEYE	MAX MIN	84 59	82 55	89 53	88	80 54	83 53	80 55	84 56	82 55	80 58	74 55	81 48	79 56	78 56	76 45	79 46	83 49	83 54	79 56	77 60	80 62	84 59	82 56	82 55	80 58	67 55	79 51	77 54	75 61	80 60	78 50	80.2 55.1
BUCKHANNON 2 W	MAX MIN	86	85 51	85 60	83	80 50	83 51	76 63	80 59	82 54	80 63	78 51	81 49	77 60	72 55	71 43	77 42	81 48	79 57	81 48	76 59	80 63	90 58	81 52	80 55	74 62	79 56	80 51	80 50	76 67	80 62	76 51	79.3 55.3
CAIRO 3 S	MAX	86	85 55	89 62	85 53	85 55	85 56	80 63	90 62	85 60	81	84 55	85 53	92 64	79 56	85 45	R6 43	84	77 56	79 51	80 51	83 62	84 58	85 57	84 59	80	81 48	82 51	84 72	82 66	85 62	78 50	83.5 56.8
CANAAN VALLEY	MAX	76 57	74 48	77 52	77 62	72 48	75 40	72 55	75 51	75 50	75 56	72 45	76 40	70 55	66 49	72 32	72 38	78 48	68 51	75 45	74 56	77 54	73 50	73 45	73 50	67	71 50	72 42	75 45	70 56	71 55	67	72.9
CHARLESTON WB AP	MAX MIN	86	83 59	91 64	82	82 60	78 57	81 64	83 65	84 64	77	79 61	82 54	81 64	73 57	72 49	77 48	85 54	73 59	78 55	77 62	79 64	83 62	84 59	85 61	74 66	81 61	82 56	86 56	76 68	81 62	77 55	80.4
CHARLESTON 1	MAX MIN	86 68	89 63	88 64	93	85 63	86 62	83	85 67	88 65	87	82 64	81 57	86 63	86 60	76 53	75 51	76 55	88 56	77 58	79 61	80 65	82 64	87 62	88 63	86 65	76 67	82 59	85 59	86 64	77 67	85 59	83.5
CLARKSBURG 1	MAX MIN		82 54	88 62	82 61	76 54	84 57	75 63	82 63	84 62	82 59	80 57	83 53	79 63	70 51	72 47	79 48	82 50	75 55	80 50	77 61	82 63	81	82 58	79 58	77 59	80 50	80 53	81 54	76 67	80 61	75 53	79.7 57.1
CRESTON 1 SSW	MAX MIN	87 58	88 58	85 56	90 62	85 56	82 55	84 58	80 63	84 63	85 63	81 55	84 55	85 55	82 58	75 47	72 47	78 48	84 49	75 53	79 53	72 60	82	83 59	84 59	82 55	77 55	82 53	84 53	86 63	73 66	73 48	81.4
OUNLOW 5 E	MAX MIN	86 67	85 61	92 64	89 69	84 60	80 60	83 65	87 68	86 61	82 63	89 58	85 55	79 65	78 55	71 48	78 49	87 56	83 61	79 55	80 60	79 61	85 62	85 61	85 64	79 67	89 54	81 59	86 60	85 67	82 67	79 60	83.2
ELKINS W8 AIRPORT	MAX		78 53	83 59	78 56	74 50	80 52	71 59	80 57	80 55	77 57	75 52	78 48	78 58	66 48	70 47	76 45	81 48	70 50	81 50	77 58	79 60	79 55	79 56	79 55	70 57	77 55	78 48	78 49	72 64	77 58	72 51	76.6 53.8
FAIRMONT	MAX MIN	85 65	82 57	82 65	81 66	75 54	82 54	72 64	80 63	83 62	79 64	80 54	82 56	76 60	70 55	72 45	76 48	80 54	72 57	78 51	75 62	81 63	81 61	81 58	75 62	77 55	78 52	79 54	79 56	76 66	78 60	74 56	78.1 58.0
FLAT TOP	MAX MIN		76 55	82 60	74 65	73 50	77 50	70 54	75 60	74 60	68 59	69 53	74 43	70 48	63 51	68	73 44	76 48	73 54	74 56	75 59	74 58	74 53	75 49	76 51	72 59	65 54	70 55	75 55	70 57	73 62	68 52	72.7 54.2
FRANKLIN 2 NE	MAX MIN		84 52	84 58	84	78 51	82 48	75 60	83 57	83 50	81	80 54	84 47	82 59	77 59	78 42	80 67	86 48	79 57	79 53	81 60	77 61	83 58	83 53	83 54	72 54	75 56	79 49	79 48	82 62	80 59	77 50	80.5 55.0
GARY	MAX MIN		86 60	87 58	94 58	84 61	84 56	86 56	80 61	84	84 60	78 63	80 54	84 54	82 60	72 48	77 48	82 51	85 54	84 60	87 60	79 63	83 61	8 2 5 9	86 58	84 59	87 61	75 56	82 56	85 58	81 64		83.0 58.0
GASSAWAY	MAX MIN				89 67	81 59	83 59	78 63	83 64	82 62	81 64	79 59	83 54	82 63	74 60	72 52	78 50	85 55	78 61	81 58	79 62	82 66	83 65	83 60	82 60	75 64	91 65	81 55	84 56	76 56	81 66	78 56	81.2 60.2
GLENVILLE 2 NE	MAX MIN				89 67	84 57	83 56	83 61	78 63	84 62	85 64	82 57	82 55	84 57	80 60	72 47	74 48	78 49	84 54	77 51	80 57	78 63	82 60	84 60	84		78 57	82 53	82 53	84 57	73 57	81 53	81.4 57.2
GRAFTON 1 NE	MAX				85 66	82 54	86 53	79 61	79 60	83 62	81	79 51	83 55	79 55	73 45	79 48	78 48	82 47	83 57	81 55	80 58	80 57	83 59	82 54	80 57	75 57	83 49	84 49	81 50	81 50	80 47	77 52	81.3 54.7
GRANTSVILLE 2 NW	MAX				91 66	86 57	83 58	86 61	79 65	85 63	87 64	83 57	82 56	85 57	82 40	75 48	74 48	80 48	85 53	77 54	79 56	86 48	84 50	85 58	85 59	83 64	79 56	83 54	84 55	86 60	75 65	84 55	83 . 4 56 . 5
HAMLIN	MAX				94 65	85 57	84 57	83 62	84 66	87 59	88 61	80 59	80 55	85 56	84 58	74 49	74 48	79 48	88 53	77 57	77 57	78 63	82 62	85 59	87 60	85 63	77 64	84 56	83 57	91 59	76 64	84 54	83.2 58.4
HARPERS FERRY NAT MONMT	MAX MIN				93 68	92 69	87 56	84 66	90 62	91 68	89 66	89 59	92 56	89 63	86 62	80 48	R5 52	91 60	91 65	86 59	85 64	84 63	89 63	89 63	87 62	79 52	80 50	81 59	83 58	81 61	86 64	85 58	
HOGSETT GALLIPOLIS OAM	MAX				90 66	83 60	81 59	78 61	80 66	82 62	84 60	78 60	79 58	82 56	82 59	71 50	70 50	75 50	80 51	73 55	74 55	76 64	80 63	80 60	80 60	80 64	75 60	84 56	80 58	85 58	73 65	80 55	
HOPEMONT	MAX				75 52	74 58	78 56	80 51	82 56	77 54	74 63	76 60	74 57	70 58	66 55	64 35	63 39	65 42	70 49	70 45	74 48	76 50	72 54	78 59	75 63	77 57	75 41	73 46		75 46		75 39	73.8 50.2
HUNTINGTON WB AIRPORT	MAX MIN				83 64	81 56	79 58	82 64	84 66	82 56	76 63	79 57	80 53	81 65	71 55	69 48	79 49	84 56	75 62	76 57	75 64	83 63	83 63	86 60	85 65	76 67	82 61	82 56		75 68		77 60	80.5 60.2
KEARNEYSVILLE 1 NW	MAX M1N				83 67			85 54	83 59	87 55	88	84 54	86 53	89 55	86 62	73 44	78 49	81 53	90 62	78 48	81 62	82 64	82 65	86 60	85 62	81 51	75 43	77 47		81 63		83 56	83.2 56.8
KEYSER	MAX			89		50	88 53	83 63	89 64	89 51			87 54	87 58	81 54	76 49	79 48	85 47			82 49	79 53	85 55	86 54			84 48	81 50		83 65			84.2 54.0
LEWISBURG 2 SSW	KAM				90			80 58	84 58	83 54	82 58	78 58	80 48	80 59	79 55	74 43	81 46	83 52	83 56	80 56	79 60	80 62	83 61	83 56	84 54	79 59	68 55	77 53		78 59			81 • 2 55 • 3
LOGAN	MAN				96 70		86 62	84	81 65	88 65	89 65	82 66	83 61	87 61	81 60	75 53	79 53	85 54	90 61	76 62	88 63	82 65	84 67	88 62	91 63	88 67	86 68	83 59	87 60	90 61	80 67		85.4 62.4
					1			1						-																			

Continued										ΑI		1.		IFI	7117	7.1	Un														AUG	UST 1	
Station		-				, <u> </u>		_					10	10	_		Of M	-	10	10	00	01	00	00	04	05	00	00	00	00	00	-	Average
LONDON LOCKS	MAX	82	81	81	87	84	80	83	77	82	80	75	74	79	75	74	71	75	81	71	77	76	78	81	86	81	80	74	78	81	72	77	78.5
MADISON	MIN	67 85	87	65 86	92	65 82	85	82	65 83	86	85	65 79	79	84	81	56 74	75	55 80	86	76	80	81	67 82	64 86	87	65 86	65 82	82	59 83	60 86	66 78	58	62.2 82.7
MANNINGTON 1 N	MIN	88	63 85	86	62 84	82	62 85	73	66 82	83	83	82	59 83	59 82	59 78	53 74	53°	53 83	57 82	80	62 79	83	82	63 83	82	65 79	80	59 82	81	61 81	68 82	77	62.0 81.4
MARTINSSURG FAA AP	MIN	91	53 88	83	88	52 84	52 85	82	87	88	84	52 88	90	84	55 75	78	82	92	58 79	82	84	84	59 87	56 87	55 81	76	42 78	81	51 84	65 84	59 84	79	55.1 83.8
MATHIAS	MAX MIN	86 58	83 54	66 87 56	69 85 64	59 78 51	53 82 47	66 77 59	59 83 55	59 84 53	61 84 58	56 81 52	56 83 46	83 57	53 77 57	45 77 39	50 81 43	57 88 53	55 78 59	50 80 49	62 81 58	77 60	65 83 57	60 82 54	60 82 49	50 75 53	77 43	49 77 44	51 79 49	80 61	82 56	57 78 49	57.9 81.0 53.0
MC ROSS	MAX	81	84 57	88 53	87	78 55	81 53	78 55	81 59	79 57	76 61	74 55	79 49	78 58	76 54	70 45	78 45	81	81	75 52	76 58	78 62	78 59	79 55	81	75 61	63	75 53	77	76 61	78 62	75 50	77.9
MIDDLEBOURNE 2 ESE	MAX	86	82	87 63	84	81	84	76 64	81	83	81	80 56	83 55	80	77 58	73 46	77	82	75 59	77 52	80	81 62	82	82 58	79 59	79 59	80	81	81 53	79 68	81 55	76 53	80 • 3 57 • 9
MOOREFIELD MCNEILL	MAX	90	87 50	86 57	87	83	86 46	86	88	88	87	86 48	88	87 59	78 60	79 39	84	89	86	87	84	81	86	86	85 51	77 55	81	82	85 48	81	84 53	83	84.7 52.4
MORGANTOWN FAA AIRPORT	MAX MIN	85 65	81 56	83 67	81 63	76 55	84 55	72 64	80 63	82 64	82	79 53	81 56	75 60	70 57	75 45	79 49	80 55	74 56	79 52	76 63	81	80 61	80 57	74 62	78 57	78 57	80 54	80 58	77 65	79 60	75 56	78.6 58.3
MORGANTOWN LOCK AND DAM	MAX MIN	87 63	84 55	85 64	83 66	80 55	84 54	75 64	81 62	83 62	82 62	81 54	83 54	77 63	74 57	75 45	78 49	83 53	78 58	81 50	78 61	83	82 61	82 58	78 59	80 55	8 <i>2</i> 51	83 52	82 55	80 65	8 2 6 0	77 58	80 • 7 57 • 7
MOUNDSVILLE	MAX MIN	88 65	86 57	87 65	87 67	85 56	87 55	82 60	83 62	86 62	85 62	84 56	85 55	83 65	78 57	75 46	79 47	83 52	83 53	89 50	82 62	84	86 61	86 59	85 66	82 52	85 48	86 48	85 53	86 68	85 65	85 56	84.3 57.7
NEW CUMBERLANO	MAX	86 66	85 57	86 66	86 64	83 55	86 53	80 64	88 66	86 62	80 55		86 57	83 66	75 57	74 47	79 49	85 51	79 49	70 51	71 59	80 58	85 59	85 59	80 62	75 50	78 47	81	82 53	84 68	85 57	78 52	81.4
NEW MARTINSVILLE	MAX MIN	89 67	87 58	87 64	85 67	81 59	86 57	80 65	80 64	78 60	85 58	86 59	86 57	78 66	73 59	75 49	80 50	84 52	81 59	76 54	80 55	82 63	84 64	86 60	82 61	81 57	84 50	85 53	83 57	83 62	84 62	79 57	82.3 58.9
OAK HILL	MAX MIN	83 63	84 55	84 56	92 57	80 55	81 54	83 55	79 61	84 59	82 59	77 52	77 49	82 51	78 51	70 47	75 41	81 47	85 51	72 55	79 59	79 61	84 62	82 55	83 55	83 58	82 59	69 54	81 56	85 58	75 63	82 53	80•4 55•2
PARKERSBURG FAA AIRPORT	MAX	87 69	84 60	88 70	84 67	81 58	85 58	77 64	83 65	85 62	80 61	82 56	84 59	80 63	73 57	71 49	77 50	83 57	74 58	75 56	80 64	81 61	84	85 60	81	78 61	82 54	82 54	84 57	79 69	82 63	77 57	80.9 60.1
PARKERSBURG W8 C1TY	MAX	88 70	86 60	90 67	85 66	81 59	87 59	79 64	83 66	86 64	80 62	8 2 56	84 57	81	72 56	72 49	79 49	8 2 5 4	74 59	78 56	80 63	82 62	83 60	85 60	82 63	77 61	80 55	82 53	84 58	80 71	82 63	77 57	81.4
PARSONS 1 SE	MAX	84 62	82 54	83 59	80 66	77 54	80 54	80 61	81 63	81	81 62	77 58	80 51	79 60	74 54	73 46	78 48	81 52	76 57	81 52	77 59	80 61	80 59	79 58	78 55	75 58	79 52	78 52	80 52	78 63	77 62	76 56	78.9 56.8
PETERSBURG	MAX MIN	90 63	87 56	84 62	90 66	84 53	86 49	84 63	86 54	88 56	87 64	94 53	89 50	86 62	80 60	79 41	84 48	91 49	87 62	88 52	84 61	80 62	88 59	85 53	82 55	78 57	79 46	82 47	81 51	81 65	84 61	84 54	84.9 55.9
PICKENS 1	MAX MIN	79 58	72 48	81 55	75 63	73 48	78 49	75 55	77 56	77 50	76 58	71 49	76 46	73 55	65 51	75 39	72 41	77 47	68 51	77	71 57	76 59	78 53	76 49	75 53	67 59	74 57	75 45	78 47	70 62	75 61	71 47	74.3 52.1
PIEDMONT	MAX MIN	87 64	86 60	84 62	84 65	81 96	79 57	82 63	76 61	84	87	84 56	82 56	87 63	78 60	68 49	77 52	80 54	84 58	75 56	76 60	78 62	79 60	87 59	84 60	80 54	76 50	80 52	80 54	82 55	80 60	79 58	80.8 58.1
PINEVILLE	MAX MIN	85 65	86 60	87 59	92 60	85 60	82 57	75 57	85 59	85 63	84 63	77 64	79 56	82 56	80 57	73 50	74 51	80 51	85 54	80 59	83 60	78 61	83 62	82 61	84 61	86 61	85 63	73 56	72 56	83 59	79 62	84 57	81.5 58.7
POINT PLEASANT 5 NNE	MAX MIN	89 65	87 54	92 63	90 67	89 53	87 55	86 63	88 63	86 58	84 62	82 54	83 52	82 52	79 54	74 48	77 45	82 46	77 58	78 51	80 62	81 58	84 59	85 57	84 58	74 60	82 51	82 49	85 53	82 69	83 59	8 0 5 1	83.0 56.4
RAVENSWOOD DAM 22	MAX MIN	89 65	87 57	90 64	92 68	85 56	85 56	82 63	83 63	85 59	85 63	82 55	85 54	85 65	82 56	78 45	78 45	82 49	81 59	73 53	79 62	83 63	84 57	84 57	85 59	79 61	82 53	83 51	85 53	85 52	82 56	82 52	83.3 57.1
RICHWOOD	MAX MIN	81	80	88	88	79	81	77	80	79	78	75	80	84											80	76	71	87	79	79	79	76	
RIPLEY	MAX MIN	89 65	88 54	94 64	89 65	86 56	83 58	83 63	86 63	88 58	83 63	84 55	85 54	83 65	76 55	79 45	79 45	86 49	81 59	79 52	80 60	83 60	87 58	88 57	84 59	80 63	85 54	84 53	86 53	81 67	84 64	81 52	84.0 57.7
ROMNEY 3 NNE	MAX MIN	88 61	89 54	84 62	86 66	84 51	86 50	84	88 58	88 57	87 64	87 51	85 49	86 61	75 62	78 42	83 47	90 49	84 63	85 48	84 61	81 65	87 60	86 54	84 55	78 50	80 41	83 46	85 50	81 64	84 61	83 53	84•3 55•5
ROWLESBURG 1	MAX	86 62	84 55	84 61	84 66	78 54	83 56	78 62	82 64	82 64	83 63	79 52	82 54	78 60	75 56	74 47	79 49	82 52	77 57	81 50	78 59	83 64	80 62	80 59	78 60	78 56	80 48	8 2 50	81 53	74 64	79 60	74 57	79.9 57.3
SPENCER	MAX MIN	86 65	87 55	90 62	90 66	83 53	83 58	79 63	83 62	83 60	81 63	80 55	82 53	81 46	79 57	71 46	77 45	82 50	80 60	77 53	76 62	80 62	82 57	83 55	83 59	77 62	81 58	82 53	83 52	82 67	80 65	78 51	81.3 57.3
SPRUCE KNO8	MAX	78 59	74 52	76 53	79 63	73 54	69 52	78 56	76 54	76 56	75 56	74 55	79 52	77 47	76 49	59 44	70 45	72 49	77 58	70 52	75 55	73 58	73 56	75 54	74 57	75 49	56 48	69 50	72 50	69 52	70 60	74 56	73.0 53.3
UNION	MAX MIN	77 59	83 53	85 53	91 61	82 51	83 50	85 54	79 57	83 52	81 54	75 58	78 44	80 48	77 54	71 39	75 42	80 50	84 52	82 54	83 56	79 59	80 58	83 52	83 53	85 55	77 55	65 56	77 49	79 54	76 59	83 47	80.0 52.8
WARDENSVILLE R M FARM	MAX MIN	86 60	88 57	87 63	86 67	85 53	82 50	85 60	80 58	86 57	88 62	85 54	85 50	88 57	87 62	72 42	79 45	82 51	91 62	79 49	84 54	84 63	79 59	86 55	85 56	80 56	76 42	77 46	80 49	80 52	81 61	84 53	83.1 55.0
WEBSTER SPRINGS	MAX MIN	85 63	83 59	91 59	91 65	81 59	86 55	77 60	84 61	84 59	83 62	80 58	84 53	81 60	77 56	75 50	82 49	84 54	76 59	85 54	79 60	84 64	85 61	84 59	81 57	77 64	82 58	85 51	84 54	79 63	83 65	80 58	82.3 58.4
WEIRTON	MAX NIM	86 67	85 58	85 68	85 65	85 56	84 57	79 61	87 65	85 65	83 62	83 55	85 60	82 64	74 55	76 48	81 51	78 55	77 50	72 53	73 60	83 60	80 60	85 61	74 65	79 51	81 50	83 51	81 55	84 56	82 59	75 53	81.0 57.9
WELLSBURG 3 NE	MAX	87 63	85 52	87 64	85 60	83 50	85 50	79 62	86 63	85 59	83 59	83 50	86 53	82 64	76 55	75 40	80 43	84 47	80 48	75 48	79 59	82 59	85 58	85 54	83 60	80 45	82 40	83 43	83 50	85 67	83 55	75 51	82.3 53.9
WESTON	MAX MIN	90 59	88 57	80 57	89 64	84 66	80 56	87 56	77 64	85 61	85 61	83 56	82 54	85 54	79 59	72 48	75 48	80 49	85 53	76 53	83 53	79 62	83 64	84 58	86 58	81 60	80 55	84 56	82 55	84 55	75 63	83 56	82 • 1 57 • 1
WHEELING WARWOOD DAM 12	MAX	87 58	86 59	85 59	86 67	84 57	80 57	85 58	78 65	83 63	85 64	82 58	85 59	85 60	81 59	71 49	75 48	78 51	82 53	75 53	72 55	73 60	82 60	84 60	83 61	75 53	78 50	81 51	82 53	80 58	85 60	8 2 5 5	81.0 57.2
WHITE SULPHUR SPRINGS	MAX	86 63	88 56	95 53	94 66	85 54	84 50	84 56	86 59	85 55	83 62	80 60	83 50	85 58	79 58	77 45	83 48	85 52	83 55	81 55	81 55	81 62	84 62	84 57	85 57	81 60	62 57	76 59	79 54	79 59	83 62	81 52	82.6 56.5
WILLIAMSON	MAX MIN	93 68	92 63	95 63	98 66	88 64	91 61	88	79 67	91 65	90 65	81 65	86 60	87 61	85 61	78 52	82 53	86 54	90 59	79 64	89 64	84 66	88 67	91 62	92 63	91 65	92 69	85 60	89 60	89 61	81 68	89	87.7 62.5
WINFIELD LOCKS	MAX	90 64	87 60	86 61	93 68	85 61	85 60	83 64	84 67	86 62	87 63	82 61	82 58	85 59	83 60	74 51	74 51	80 53	84 56	78 58	76 54	78 65	83 62	85 62	85 63	84 64	78 62	83 60	84 60	88 61	76 68	83 58	82.9 60.5

STATION	EX NO.	COUNTY	AGE :	3001	LONGITUDE	ELEVATION	TI	ERVA ME A	2S	OBSERVER	STATION	g M COUNTY	AGE :	TITUDE	CONGITUDE	ATION		BERV TAB	ANI	D	OBSERVER
STATION	INDE	COUNTY	DRAINAG	гушта	LONG	BEV	1000	PRECIP.	SPECIAL	OBGENTEN	0,,,,,	COUNTY	DRAINAGE	LAN IN	LONO	ELEV	TOG	PRECE	EVAD	SPECIAL	
ALBRIGHT ALDERSON ALPENA 1 NW ARBOYALE 2 ATHENS CONCORD COLLEGE	0102	PRESTON MONROE RANDOLPH POCAHONTAS MERCER	2 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	3020		7A TA TA BA 3P	н	MONONGANÈLA POHER CO- RASSIE L- SINS ONER S- SMITH MRS- NETTIE R- SMEETS CONCORD COLLEGE	MARTINSBURG FAA AP NARTINSBURG 2 W MATMIAS MATOAKA MC MECHEN QAN 19	9701 BERKELEY 9712 BERKELEY 9739 HAROY 9747 MERCER 9847 MARSMALL	9 9 9 7 8	19 24 39 28 38 52 37 25 39 59	77 59 78 00 76 52 81 15 80 46	931 999 1629 2980 699	HID 6R			H C H	FED. AVIATION AGENCY ROBERT L. CRITHFUL VIRGIL L. MATHIAS RAY 8. INCOMPSON CORPS OF ENGINEERS
BAYARD BECKLEY V A NOSPITAL BELIMOTON BELLEVILLE DAM 20 BELVA	0580 0639 0649	GRAN7 RALEIGH BARBOUR WOOD NICHOLAS	9 7 10 8	39 16 97 47 39 02 39 09 98 14	79 22 81 11 79 56 81 45 81 12	2375 2130 1619 600 148	6P	7A 8A 7A 7A 7A	н	HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS RATMOND E. PHILLIPS	MC ROSS MEADON BLUFF 2 S MIDDLEBOURNE 2 ESE MODREFIELD 2 SSE MODREFIELD MCNEILL	5871 GREENBRIER 5886 GREENBRIAR 5983 TYLER 6163 HAROY 6188 MAROY	4 4 8 9 9	97 59 31 59 39 29 39 02 39 09	80 45 80 40 80 52 78 58 78 54	2449 2490 750 630 800		5P TA 7P		546	RUSSELL D. AMICK DVEO TO SMOOT -8295- JOHN W. CRUMBIME MM5. ZELLA M. VETTER MM5. JOHN W. SAVILLE
BENSON BENS RUN BERKELEY SPRINGS BIRCH RIVER 6 55W BLUEFIELD FAA AIRPORT	0687 0710 0844	HARRISON 7YLER NORGAN HICHOLAS MERCER	9	39 09 39 28 39 31 38 25 37 18	80 35 81 06 78 14 80 4T 81 13		8A 6P 6P	6P 6P 6P 1D	н	CLARKSBURG WATER BOARD ROBERT N. HALL M. M. RUPPENTHAL, III SOUTHEASTERN GAS CO. FED. AVIATION AGENCY	MORGANTOWN FAA AIRPORT HORGANTOWN LOCK AND OAF HT STORM NAOMA NEW CUMBERLAND		6 9 4 8	39 38 39 37 39 17 37 52 40 30	79 55 79 58 79 14 81 29 80 36	1249 625 2845 1210 750	TP	7A 8A		н	FEO. AVIATION AGENCY COMPS OF EMGIMEERS NMS. LILEEN MINNICE VIRGIL G. WEBB WILLIAM B. MURRAY
BLUESTONE DAM BRANCHLAND BRANDON VILLE BRUSHY RUN BUCKEYE	10 75	SUMMERS LINCOLN PRESTON PENOLETON POCAHON7AS	2 9	37 59 38 13 39 40 38 50 38 11	80 53 82 12 79 37 79 15 80 08	1375	AB	8A 8 AA AB AA AA	АСН	CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAN WALTON	NEW NARTINSVILLE OAK MILL OMPS PARKERSBURG FAA AIRPORT PARKERSBURG NO CITY	6467 METZEL 6591 FAYETTE 6674 MORGAN 1 6849 WOOD 6899 WOOD	8 7 9 8	39 39 37 58 39 30 39 21 39 16	80 52 81 09 78 17 81 26 81 34			7A MIO		СМ	DR. Z. N. AMFROM MILES H. MARTIM MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. HEATHER BUREAU
BUCKHANNON 2 H BURNSVILLE CAIRO 3 S CAMBEN ON GAULEY CANAN VALLEY	1282 1328 1363	UPSHUR BRAXTON RICHIE WEBSTER TUCKER	9	39 00 38 52 39 10 38 22 39 03	80 16 80 40 81 10 80 36 79 26	170 680 2100	6P	6P TA TA 6A 6P	м	DR. ARTMUR 8. GOULD JOHN W. BROWN EUREXA PIPE LINE CO. HOWARD FLETCHER BEM F. THOMPSON	PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEOMONT	6867 TUCKER 6954 GRAN7 6982 BARBOUR 6991 RANDOLPH 7004 MINERAL	2 9 10 10	39 06 39 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1680 1015 1281 2695 1053	6P 7P	5P 7A 7A 7A 8A		н	FERNOW EXP. FOREST MRS. BESS S. MOHL MRS. MAKINE LEACH MRS. MELL B. ARMSTRONG C. A. SUTER, JR.
CENTRALIA CMÁRLESTON W8 AP CHARLESTON 1 CLARLSBURG 1 CLAY 1	1570 1575 1677	BRAATON KANAWHA KANAWHA MARRISON CLAY	4	38 37 38 22 38 21 39 16 38 27	80 34 81 36 81 39 80 21 81 05	600	9A N1D N	9A	0 0	MRS. CLARA F.MOLDEN U.S. HEATHER BUREAU H. VA. WATER SVC. CO. MEMRY R. GAY MRS. SARAN 8. FRAMKFORT	PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22 REMICK 2 S	7029 WYOMING 7112 MASON 7207 MERCER 7352 JACKSON 7444 GREENBRIER		37 35 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	8410 384	9 P	7A 5P 7A 7A 8A		н	JAMES G. MC OERM177 UNIVERSITY OF W. YA. W. YA. WATER SVC. CO. CORPS OF ENGINEERS MRS. HAPY V. HC FERRIT
CLENDENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK	1959 2054 2209	KANAHHA KANAHMA WIRT TUCKER RALEIGH	9 2	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	619 640 648 3120 1264	7A	8A 7A 7A	C H	KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARO R. LYNCM MRS. MARY L. DUNAS MRS. RUTH E. JARRELL	RICHHOOD RIPLEY ROMNEY 3 NME ROWLESBURG 1 S7 MARYS	7503 NICHOLAS 7552 JACKSON 7T30 HANPSHIRE 7785 PRESTON 7875 PLEASANTS	8	36 13 36 49 39 23 39 21 39 23	80 31 81 43 18 44 79 40 81 12	640	3 P	5P 5P 7A 5P		н	DAYTON C. WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. NAUGE C. BOLYARD JOHN H. INGRAM
DUMLOW 5 E ELKINS WB AIRPORT ELLEMBORO FAIRMONT FLAT TOP	2718 2746 2920	HAYNE RANGOLPH R17CH1E MARION MERCER	10	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 01		MIO H	7A 10	СН	KELLY BROWNING U. S. HEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT FRED E. BOWLING	SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG SNITHVILLE	7884 HARRISON 7889 HARRISON 8274 OODDRIDGE		39 18 39 17 39 11	80 35 80 36 80 44	1120 1120 795		AB		c	CLOSED 7-1-62 CLOSED 7-1-62 HOPE NATURAL GAS CO.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3215 3238 3353 3361	PEMOLETON LEWIS MC DOWELL BRAXTON GILMER	9 6 1	38 40 39 06 37 22 38 40 38 57	79 19 80 31 81 33 80 46 80 49	1900 1030 1426 840	6P 8A 6P	7A 8A 8P 7A	CCCCH	GEORGE D, HAMMER EQUITABLE GAS CO- JANES KISH W. VA. WATER SVC. CO- DICK W. BEALL	SPENCER SPRINGFIELD 1 N SPRUCE KNOB STONY RIVER DAN SUMMERSVILLE 3 NE	8384 ROANE 8409 HAMPSHIRE 8433 PENDLETON 8336 GRANT 8608 NICHOLAS	9 9		81 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850		8A 8A 8A (		с н с	W. VA. WATER SVC. CO. HARRY L. GRACE MARRY J. GORDOM FRED C. BECKER CMARLES F. GUN
GRAFTON 1 NE GRANTSVILLE 2 MW GRIFFITHSVILLE HACKER VALLEY HALL	3648 3749 3798	TAYLOR CALHOUN LINCOLN WEBSTER BARBOUR	3	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07		8 A	5P 8A 7A	c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. MOORE MRS. LELA M. CARTER MRSOPAL R. JACKSON	SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM	8662 BRAXTON 8782 PRESTON 8807 TUCKER 8924 NASON 8986 TAYLOR		38 41	80 41 79 33 79 30 81 90 80 02	835 2587 3010 630 1200		7A 7A	7A	c	CORPS OF ENGINEERS CMARLES E. TREMBLY MRS. MARGARET PEPKINS MISS MORMA RUTH CASTO CORPS OF ENGINEERS
MAMLIN MARPERS FERRY MARPERS FERRY NAT MOMMT MASTINGS M1CO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WE73EL FAYETTE	9 9 6	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	405	5P	8A 7A 5P 3P 7A		W. VA. WATER SVC. CO. NISS ELEAMOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILORED E.CRIST	UNION VALLEY BENO VALLEY HEAO VANOALIA WAROENSVILLE R N FARM	9011 MONROE 9068 RANOOLPH 9086 RANDOLPH 9104 LEW15 9281 HAROY	10	37 36 38 46 38 33 38 56 39 06	80 32 79 96 80 02 80 24 78 35	1975 2010 2425 1120 960	7A 9A	7A 7A 7A 6P 9A	9A	c	MRS.THELNA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOAR UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS DAM HOPEMONT MORNER MOULT LOCK 19 HUNDRED	4264 4281 4309	MASON PRESTON LEWIS MARION WE7ZEL	6 6	38 41 39 26 38 59 39 30 39 61	82 11 79 31 80 22 80 08 80 27	570 2490 1075 878 1034	5P	7A 7 7A 4P 2M	C	CORPS OF EMGINEERS MRS. MARRIET SMARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS MFGRS. L7. + H7. CO.	WASHINGTON DAM 19 WEBSTER SPRINGS 1 E WEIRTON HELLSBURG 3 NE WESTON	9309 WOOD 9333 WEBSTER 9349 HANCOCK 9368 BROOKE 9436 LEWIS	4	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	6P	7A 7A 6P 6P 7A	Ì	СН	CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON MISS OORIS J. PFISTER J. ARTHUR HENRY. JR.
HUNTINGTON FEO BLDG HUNTINGTON WB AIRPORT IAEGER IRELAND JANE LEH	4393 4408 4478	CABELL CABELL MC DONELL LEWIS LEWIS	8 1 6	38 29 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1040 1142			С	CORPS OF ENGINEERS JU. S. WEATHER BUREAU MAS MOLLIE C. AUVIL CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	2 9492 OMIO 9522 GREENBRIER 9554 CLAY 9605 MINGO 9610 MINGO	7	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	5 P	7A 7A 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERPY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
KEARNEYSVILLE 1 NW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 4836 4971	JEFFERSON MINGO MINERAL RANGOLPH MONONGALIA	1 9	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 99 80 05 79 51	930	5P 5P	BA 7A 5P 5P 7A	Н	WB AGRICULTURE SER. OFF. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUPT. MEST PENM POWER CO.	WINFIELD LOCKS  NEW STATIONS  BECKLEY WB AIRPORT MOUNDSVILLE	9683 PUTNAM 0582 RALEIGH 6248 MARSHALL	7	38 32 37 47 39 54	81 55 81 07 80 45	2504	7A				U.S. WEATHER BUREAU
LEWISBURG 2 SSW LINDSIDE LIVERPOOL LOCKNEY LOCAM	5224 5284 5323 5341	GREENBRIER MONROE JACKSON GILMER LOGAN	7 7 8 5	37 46 37 27 38 94 38 91 37 51	80 28 80 40 81 32 80 58 82 00	2185 2000 665 720 664		SP:	H C C C C	RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSHALL	SMOOT	B295 GREENBRIER		37 52	80 40		71	7A	-		MOUNDSVILLE SWG. TRTM7. JOHN P. JONES
LONOON LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W MARLINTON	5563 5621 5626	KANAHHA BOONE MARION MARION POCAHONTAS	4 6 6	38 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 09	623 675 975 995	8A 6P	7A 8A 6P 7A	H	CORPS OF ENGINEERS J. E. CURRY JAMES N. WORGAN ORA G. FROST CECIL A. CURRY											

\$ 1-BIG SANDY, 2-CHEAT; 3-GUYANDOT, 4-KANAMHA, 5-LITTLE KANAMHA, 6-MONONGAHELA, T-NEN, 8-DHID; 9-POTOMAC, 10-TYGART, 11-YOUGHIDGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table,
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- SS This entry in time of observation column in Station Index means observation made near sunset,
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\mathtt{X}}$  Observation time is 1:00 a.m., E.S.T. of the following day.

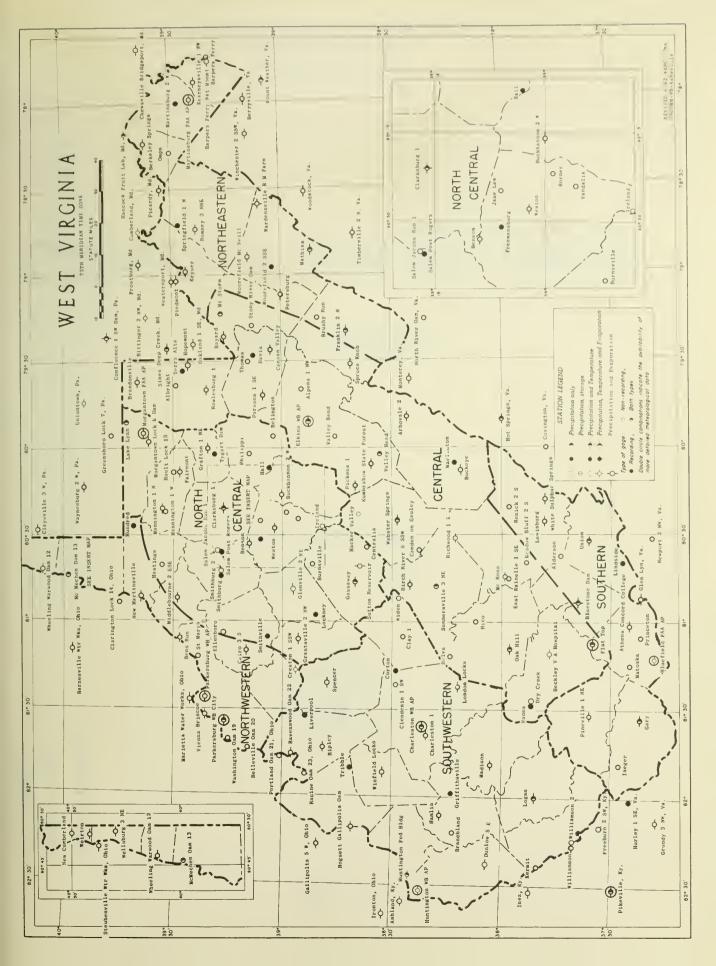
VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-MATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---10-26-63---725



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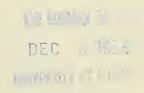
# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

SEPTEMBER 1963 Volume 71 No. 9





				Tem	perat	ure											Preci	pitatian					
										No	o. of C	Pays						Sno	w, Sleet		×	o. of	Days
Station		• E		armal					Days	Ma	х.	Min.		}	ormal	t Day			Depth		More	More	More
	Average Maximum	Average Minimum	Average	Departure Fram Narmal	Highest	Date	Lawest	Date	0 1	Above	Melow 17° or	Below 0° or	Below	Total	Departure From Normal	Greatest	Date	Tatal	Max. Depth an Ground	Date	.10 or A	.50 or A	1.00 or
NORTHWESTERN											7	$^{\dagger}$	+										
BENS RUN 1 SSE CAIRO 3 S	77.0 78.0	47.5 47.3	62.3 62.7	- 6.1 - 4.1	88 88	13+ 12		25÷	112	0	0	0	0	2.55	38 - 2.35	1.96 .40		•0	0		2	1	1 0
CRESTON 1 SSW MCUNOSVILLE NEW CUMBERLAND	77.7 80.0 79.0	47.1 48.5 47.9	62.4	- 4.7 - 3.2	89 88 88	13 19 12+	30 32	26+ 24 24	115 80 98	0 0 0	000	1 0	000	1.04 .93 .85	- 1.92 - 2.07	.90 .41 .47	13	•0	000		1 4 2	0	0
NEW MARTINSVILLE RAKERSBURG FAA AIRPORT RAKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	79.6 77.4 77.8 79.3 79.4	51.0 51.6 51.9 50.4 44.7	65.3 64.5 64.9 64.9 62.1	= 2.8 = 3.2 = 3.2	89 88 88 89	12 12+ 19	38 38 35	25	62 83 72 68 124	0000	00000	00006	00000	.80 3.03 .99 .49	- 2.28 - 1.72 - 3.17	1.73 .76 .26	12	.0 .0 .0	0 0 0 0		3 2 2 0	2 1 0 0	0 2 0 0
WHEELING WARWOOD OM 12	78.0	49.1	63.6	- 3.1	87	20+	36	26	86	0	0	0	0	•15		•08	4	•0	0		0	0	0
OIVISION O1			63.7	- 3.4										1.07	- 1.93			•0					
NORTH CENTRAL								-															
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY	78.1 75.2M 75.0 73.9 76.2	47.3 46.1M 48.1 49.5 51.4	62.7 60.7M 61.6 61.7 63.8	- 3.1 - 3.7 - 3.8 - 5.2	88 83 84 83 87	12+ 12+	30 28 32 34 35	25 24 23	114 146 131 122 83	0 0 0 0	00000	3 1 0	00000	2.69 3.42 2.69 2.01 1.44	69 02 51 - 1.07	1.58	3	.0 .0	000000000000000000000000000000000000000		3 3	2 3 2 2 1	1 1 0 0
GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE	77.5 76.5 79.3 76.6 76.4	47.3 46.6 49.1 44.8 49.0	62.4 61.6 64.2 60.7 62.7	= 6.1 = 4.0 = 3.7	87 84 91 85 86	11+ 13 11	28 33 27	24 24 25+ 24 24	122 139 88 150 107	0 0 1 0	00000	3 0 5	00000	1.90 1.70 1.94 2.51 2.80	- 1.55 - 1.67 76	1.10 .79 1.24	12	.0 .0	0		4 2 3 5 4	1 2 2 1 2	0 1 0 1 1
MORGANTOWN FAA AIRRORT Morgantown Lock and Oam Weston	73.7 76.2 77.5	49.9 49.9 48.4	61.8 63.1 63.0	- 4.6	85 86 89	3		23 24+ 24	129 99 109	000	000	000	000	1.90 1.41 4.73	- 1.69 1.11		4	•0	0		3 4 5	2 0 2	0 0 2
01V1510N 02			62.3	- 4.1				1						2,40	• •92			•0					
SOUTHWESTERN																							
CHARLESTON WB AP R CHARLESTON 1 OUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM	77.3 81.0 78.8 79.5 76.3	51.7 52.4 52.9 48.1 51.4	64.5 66.7 65.9 63.8 63.9	≈ 3 <sub>*</sub> 2	90 90 90 90 86	21+ 3 13+	36 41	24 25+ 30+ 25 26+	81 61 63 96 87	1 4 1 3 0	00000	0 0 0 0 0	00000	1.34 1.33 1.56 2.50	- 1.58 - 1.53	.62 .72 1.59	13	.0	0		3 3 2	1 1 2 1	0 0 1 0
HUNTINGTON FED BLDG HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS MAOISON	77.8 81.3 74.1 79.1	52.8 52.7 54.0 52.4	65.3 67.0 64.1 65.8				39	25+ 25 25 26+	69 54 83 69	2 3 0	0000	0000	0000	1.81 1.33 2.23 2.17	- 1.11 - 1.65	1.15 .46 .95	13	•0	0		3 4	3	0
POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIRLEY SRENCER WILLIAMSON	79.0 81.2 80.5 77.7 82.9	48.1 47.7 47.9 48.2 54.4	63.6 64.5 64.2 63.0 68.7	= 3.6 = 4.2 = 1.6	89 95 90 87 92	12 12+ 12+	32 30 32	25 25+ 25 24 25	100 85 90 111 38	1 2 0	00000	1 2 2 1 0	00000	2.03 1.22 2.30 1.81 3.23	- 1.33 - 1.17	1.40	13	•0			3 3 5	1	i
WINFIELD LOCKS	78.7	53.0	65.9	- 3.1	89	12	41	25+	63	0	0	0	0	1.39	- 1.59	.84	13	•0			2	1	0
OIVISION 03			65.1	<b>≈</b> 3,6										1.81	- 1.09			•0					
CENTRAL																							
ARBOVALE 2 BAYARO BECKLEY V A HOSRITAL BECKLEY WB AP	73.9 68.3 72.4 71.5 73.8M	42.1 41.7 47.0 48.4 42.9M	58.0 55.0 59.7 60.0 58.4M	= 3.9 = 3.9	79 80	3 11+	22 29 32	25 23	220 299 175 161 206	000	00000	5 1 1 6	00000	2.66 2.58 2.67 2.55	■ 653	.81		.00			6 8 4	2 2 1	0 0
BIRCH RIVER 6 55W BRANGONVILLE	71.9	42.7 46.0	57.3 61.0		81	12+	26	25+	232 139	0	00	4	0	1.97		.58	29	.0			5 7	1	0
BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	68.4 72.4 68.0	40.4 45.2 46.0	54.4 58.8 57.0	= 4.2	78 83	3	21	23 25+ 23	315 192 239	0	0000	6 3 1	000	3.16 2.39 2.50	· .37	.86		•0			6 5	2 2 2	0 0
HOPEMONT MC ROSS OAK HILL RARSONS 1 SE RICKENS 1	67.5 74.1 76.3 74.0 70.7	44.4 46.4 48.1 48.3 43.8	56.0 60.3 62.2 61.2 57.3		77 82 85 83 78	3 11+	31	23 23 23 25+ 23	265 149 112 133 234	0 0 0	0 0 0 0	5 3 0 2 4	00000	3.14 2.61 2.20 3.61 2.61		.70 .71	29 29 3 30 8 4 1 13	•0			5 7 4 8 6	2	0 0 1
RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SRRINGS 1 E	74.9 68.0 78.4	49.0 46.6 50.1	62.0 57.3 64.3		83 79 85	3	30	23 25+ 24 25	117 231 81	ᅵ이	0 0 0	2 2 1	0000	3.02 2.33 2.56				• 0			4 4 6	2	1
DIVISION 04			58.9	- 3.1										2,60	71			•	1				
SOUTHERN								22	1,,3				0	2 21			7 14	.0			6	4	
ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRRORT BLUESTONE OAM GARY // LEWISBURG 2 SSW	74.0 70.8 76.5 77.8M 76.2	47.5 51.8 51.3 49.1M 47.8	60.8 61.3 63.9 63.5 62.0	- 3.4	83 81 87 87	3 4	38 35 31	23 25 25	143 129 81 95 123	0 0	00000	0 0 3 2	00000	3.71 3.00 2.45 2.97 3.39	.13	1.00	2 28	•0			5 4 3 4	2 2	0

## CLIMATOLOGICAL DATA



#### CONTINUED

				Tem	perai	ure												Precip	pitation					
										١	la. of	Dayı				T			Sno	w, Sleet		1	do, of	Days
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	My or Above	ax.	Polone Polone		Total	Departure From Normal		Greatest Day	Date	Total	Max. Depth on Ground	Dan	.10 or More	50 or More	1.00 ar Mare
PINEVILLE UNION WHITE SULPHUR SPRINGS DIVISION 05 NORTHEASTERN	77.3 74.8 77.6	50.3 45.4 47.2	63.8 60.1 62.4 62.2	= 4,4 = 2,3 = 3,7	86 85 87		32 30 27		90 158 113	0	0 0	1 3 3	0	2.28 3.71 2.48 3.00		06 31 29	.85 1.90 1.28	6	.0 .0	(		5 4	2 2 2	0 2 1
BERKELEY SPRINGS FRANKLIN 2 NE HARDERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	77.3 75.2 80.3 75.4 79.3M	46.6 45.6 50.8 47.2 46.5M	62.0 60.4 65.6 61.3 62.9M	- 5.5	87 86 92 90 88	12+ 12 13	25 24 33 26 28	24 25	149 154 84 157 108	3	00000	4 3 0 3 4	0 0 0 0	2.12 1.47 2.37 2.33 1.89		96	1.03 .99 1.48 1.38	29 29	.0 .0 .0			3 2 3 2 3	2 1 2 2 2	1 0 1 1 0
MARTINSBURG FAA AP MATHIAS MODREFIFLD MCNEILL PETERSBURG PIEDMONT	76.8 74.5 79.7M 78.8 75.4	48.1 44.0 43.1M 46.5 49.8	62.5 59.3 61.4M 62.7 62.6	= 4.2 = 3.4 = 2.8	88 91 91	12 3 12 20+ 21+	22 27 25	25	130 185 144 119 130	0 1 4	00000	3 5 3 2	0 0 0	2.36 2.56 1.85 2.21 1.72		70	.89	29 29	.0 .0 .0	(		2 5 4 3 4	2 2 1 2 1	1 2 0 0
ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION 06	78.2 75.4	46.9 45.0	62.6 60.2 62.0	~ 4.1 - 3.5	90 89		26 25	25+ 24	124 174		0 0	3	0	2.93 2.05 2.16		67	1.65		•0	(	0	3 4	2 2	1

Beginning with this issue the Daily Precipitation Table, Daily Temperature Table, Snowfall and Snow on Ground Table, and Evaporation and Wind Table will be arranged by Division in the same order as the Climatological Data Table.

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 95° on the 12th at Ravenswood Dam 22

Lowest Temperature: 20° on the 24th at Arbovale 2

Greatest Total Precipitation: 4.73 inches at Weston

Least Total Precipitation: 0.06 inch at Wellsburg 3 NE

Greatest One-Day Precipitation: 2.50 inches on the 13th at Weston

Station	Total										D	ay of	Month													
RTHRESTERN	Ţ	1	2 3	4	5	6	7	8 9	10	11	12 13	14	15	16	17 1	8	19 20	21	22 2	23 24	25	26	27	28	29	30 3
LEVILLE DAM 2D S RUN 1 SSE RO 3 S STON 1 SSW ENBORO	1.03 2.55 .93 1.04 2.01		T •D •1	.00	,	.D2					.05 .05 .40	37 33 90 T						т							T	•D3
MECMEN DAM 13 NDSVILLE CUMBERLAND MARTINSVILLE KERSBURG AA AIRC	.23 .93 .85 .80 3.03		T .4	.50	.11	. T				1	.11 .0 .20 .0 .35 .22	7						T .01								.02
KERSBURG WB CITY R MARYS MINGTON DAM 19 RTON LSBURG 3 NE	.99 2.18 .84 .49		7 •1 •0 •2 •0	1.67 2 .12 T	T T					.01	06 °	17 58 17					Ť	т							T	.02
LING WARWOOD DM 12	.15		.0	2 .08	1	.02					T							• 03							T	T
INGTON SON KHANNON 2 W ISVILLE FRALIA 2 NNW	4.22 2.69 3.42 1.78		- 1	1.34 1.47 0 1.58 6 .10 2 .14	) 	1.00 .02	.02		Т		.19	76 50 .0	2					T • 01	T					Ť	.28	.21 .03 .03 .05
KSBURG 1 MONT AWAY VILLE Z NE TON 1 NE	2.69 2.01 1.44 1.90 1.70		1.6 .6 .0	3 .02 2 6 .32	: T	,				1	.12 .	04 76 95 •D	1					, o1						*03 T	.37 .39 .44 .31	•03
TSVILLE 2 NW INGS ER T LOCK 15 AND	1.94 2.79 2.89 1.78 1.63		-0	2 .09 7 2.01 4 1.01 6 .32		.10					.09 . .12 . .39 1. .32 .	25 05 58									.02		Т	Т	.15 .13 .25	.04 .15
LEW LYNN 1NGTON 1 N 1NGTON 1 W LEBOURNE 2 ESE	3.99 1.50 2.51 2.44 2.80	•01	. 3	7 1.50 .76 2 1.24 5 1.32 0 .33	.03	• 02 • 04	T .03				.06 1.0 .26 . .16 . .21 . .86 .	10 43 T 38						т							.20	.17 .07 .08 .06
ANTOWN FAA AIRPORT ANTOWN L AND D IJPPI ON RESERVOIR ALIA	1.90 1.41 3.02 1.46 3.56		, 5	1 1.61	Т	.03 T	T T				.52 .37 .04 .05 .06 1.	74 .0	1					T	T .02					T	.02	.08 .23 .07 .04
THWESTERN ICHLANO ILESTON WB AP R ILESTON 1	1.85 1.34 1.33 2.28		.0 .3 T	.31	Ť						.7 T		2			ı		Т						.13	.21 .32	. 02 T
DENIN 1 SW  OW 5 E IN ETT GALLIPOLIS DAM INGTON FED BLDG INGTON WB AIRPORT	1.79 1.56 2.50 .90		.01 T	.30					•02	-	1.	59 .0 52 .0	1	т -			T	r -		T -	-		-	-02	.26 .19 T	.06 .01
NIT N NON LOCKS SON IT PLEASANT 5 NNE	1.96 1.33 2.23 2.17 2.03		T	. 86 . 46 . 55	03		.01	.4	2 .05		Т .	52 .3 37 .0 95 .0	8 5			l									. 32	.02 .07 .29
NSWOOD DAM 22 EY CER N IAMSON	1.22 2.30 1.81 1.89 3.23		• 0 T • 1 • 0	0 .0	.02						.75 1. T 1.	77 T 40 53 T 92 .0	<b>4</b> 8			ì		. 35	.03						T .05 .12 .69 .39	.02 .03 .10
IAMSON 2 IELD LOCKS TRAL	3,43 1,39		*0	1.9	}						.0*	56 .5 84 .0	8			I									.04	Т
IGHT NA 1 NW VALE 2 RD LEY V A HOSPITAL	1.41 2.61 2.03 2.66 2.58	Ť	.D	3 .81 3 .39	12	.55 .97 .47					0 9	38 35 T 10 49 54 •4	3			ì			.07						. 96	.13 .14 T .08
LEY WB AP A H RIVER & S\$W DONVILLE EYE	2.67 2.55 2.55 1.97 2.24	•04	.1	0 .40 0 .10	.10	.08	.04			.01	T 1.	10	3			ļ		T .0≸	T					•40	.95 .58 .79	.07
EN ON GAULEY AN VALLEY CREEK NS WB AIRPORT TOP	2.01 3.16 2.02 2.39 2.50		*1 ***********************************	8 .0	.22	7					.42 .	05 .0 43 57 .1 02			т			.o. .o.	.08					•15 •62	.75 .74 .59 .67	.02 .06 .14
MONT CSS TORM	2.33 1.94 3.14 2.61 3.30		.90 .2	-20 -21 -7! 7 -40	7 .01 5 T	.20 T .03	.24			т	.38	58 .0 71 .0			.12				.02 T						.96	.41 .19 .12 .22 .07
HILL ONS 1 SE ENS I WOOD ESBURG 1	2.20 3.61 2.61 3.02		•1	3 1.58	- 16	.17	T -			•	.38	66 .0 69 81 .0	-10	-			.01	Т	.03 .05			.06	T		.70 .63 .79 .67	.73 .15 .13
OT JCE KNOB NY RIVER DAM MERSVILLE 3 NE MAS	2.8 2.3 2.6 2.7 3.3		.0	.1: .2: .7: .7:	.02	.64	.05				.04 1.	26 .4 27 .0 25 25	2 5			1			.08						.83 .72 .70	.05 .03
EY BEND EY MEAD ITER SPRINGS 1 E	2.50			.30 .11 .40	l	.45 .85 .2	.10				.17	95 T 92 88 T		т					•02						.79	.08 .08 .11
ERSON ENS CONCORD COLLEGE FIELD FAA AIRPORT ESTONE DAM	2.66 3.71 3.00 2.45 2.97		.0 .0 T	5 .86 8 .66 .22	0 .04 0 .31 2 T	1.42 62 7 T 1.00				т	05	18 .1 25 .8 81 T 08 .3	7											.92	.17	.30

#### DAILY PRECIPITATION

MINISTRA A

	73											Day	of M	onth																
Station	Total	1	2 3		4	5	6	7   8	9	10 11	12	13	14	15	16	17	10	19	20	21	22	23	24	25	26	27	28	29	30	3
LEWISBURG Z 55W MATOAKA PINEVILLE RENICK Z 5	3.39 1.16 2.28 1.98 2.95		Ť		.05	.18	1.65 .16	.01			.29	.21	.07 .30 .29 .43														*01	1.07 .21 .68 .95	.02	2
UNION HITE SULPHUR SPRINGS	3.71			17	.10	T	1.90	T				.03	.34															1.34		
NORTHEASTERN BERKELEY SPRINGS BRUSHY RUN FRANKLIN Z NE HARPERS FERRY HARPERS FERRY	2.12 2.12 1.47 2.01 2.37		T		.22 .26 .05 .13	.03 7	.94 .36 .62	T			7	•03	.04	*05.	.02	Ť	T			Ť	T T							1.03 .89 .99 1.24 1.48		
EARNEYSVILLE 1 NW EYSER HARTINSBURG FAA AP HATHIAS HOOREFIELO MCNEILL	2.33 1.89 2.36 2.56 1.85			06	10. 10. 12. 12.	.78 .91 1.03		.11			Ť	T		T	.01	Ť	T			. 02 T T							.06	1.38	.04	
OMPS PETERSBURG PIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	1.47 2.21 1.72 2.93 2.05		4	,05	.28 .40 .40 .23 .33	.10 1.65	.49 .89 .36 .04				+ 04 T	.06			.04						T .04							.60 .66 .68 .93	.03	

## EVAPORATION AND WIND

S. P.																Day	of me	nth.					-								_		Cotal or Avg.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	\$°£
NORTH CENTRAL																																	
CLARKSBURG 1	EVAP	•10 37	•10 37	50	.14 36	.06 34	•10 28	.04 34	.08 32	.06 33	41	.07	·16	.11 56	·10	.03 41	.11	.03	•12 34	.02	.06 38	.10	.06 51	.11	.03	.07	.03	.08	.04	.02	•06 42		2.248 1181
SUTTON RESERVOIR	EVAP	.20	.19	•16 40	•16 •1	.12	•13 30	.21 55	.15 43	•16 40	•12 •0	.16 43	.15	. 20 48	•03 29	• 08 40	.16	.19 48	.16 61	. 22	.13	.14	.06 31	.14 65	.16	.15 48	.13	. 15	.14	. 05	• 10 43		4.30 1323
SOUTHWESTERN																																	
HOGSETT GALLIPOLIS CAM	EVAP	. 21 48	.22	.24	· 27	.14	.20 37	.07 28	.19	.18	·14 28	.23 31	.20	•60 91	•10 45	.05 38	. 25	.08	.14 33	.12	.20	. 24 38	.09 53	.12	。27 57	.13	.17	.11	.11	.08	•12 86		5.27 1206
SOUTHERN																																	
BLUESTONE CAM	EVAP WINO MAX MIN	84	87	85	66	83	77	75	81	24	16 84	86	36 85	83	32	62	31 77	23 82	.12 28 82 58	25 84	21 82	18	38 79	54 77	31 74	33	25 74	15	26 80	21 63	43		3.61 835 78.9 56.1
NORTHEASTERN																																	
WAROENSVILLE R M FARM	EVAP	.21	.19	•18 27	.17	.15 52	.03 30	.08 17	.16	.15 18	.16	.19	•19 67	. 25 83	•14 40	·10	.03	.11	.20 28	.10	. 20 34	.17	.07 42	.17 50	.16	·15	.14	· 17		.14	•15		4.52 1078

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

#### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages		Numl	per of da	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1.00 PM EST	7,00 PM EST	Trace	.0109	.10- 49	50-99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	SSE	16	7,2	30++	W	3	91	93	57	78	1	1	7	1	0	0	10	_	5.9
CHARLESTON WE AIRPORT	NE	11	4.2	29++	WNW	12	94	97	51	66	3	0	3	1	0	0	7	-	5.6
ELKINS WB AIRPORT	NW	9	4.7	23++	NNW	3	98	99	56	83	3	3	3	2	0	0	11	-	6.1
HUNTINGTON W8 AIRPORT	NNE	8	4.0	28++	NNW	12	90	97	53	67	2	3	0	1	1	0	7	-	5.7
PARKERSBURG W8 CITY	-	-	5.4	27	W	3	-	-	-	-	2	2	1	1	0	0	6	66	-

# DAILY TEMPERATURES

WEST VIRGINIA

										A				IPE																	EPTEMBE	R 1963
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of M	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
NORTHWESTERN				L			L																						النا			*
BENS RUN 1 SSE	MAX MIN	77 49	77 53	81 52	88	74 56	73 53	74 53	78 53	82 56	83	80 51	85 53	88 54	63	73 49	75 47	77 46	80 46	81	82 48	83	74 39	66 35	68 34	68	72 38	77 40	80 43	75 48	75 37	77.0 47.5
CAIRO 3 S	MAX MIN	78 47	84	87	82	76 56	77	78 49	83	85 54	83	87 51	88	63	70 45	77	78 48	81	82	83	84 51	76 59	67 38	69	69	75 30	78 35	79	79	74 54	69	78.0 47.3
CRESTON 1 SSW	MAX MIN	74 48	79 49	84	86	71 59	74 57	73 51	80	84	84	83	83	89	60 57	74	79	80 52	82 52	85	84	85 50	64	66	68	71	77	80	80	75 39	76 42	77.7 47.1
MCUNDSV1LLE	MAX	80 51	83 48	87 62	75 63	74 58	72 55	79 52	85 56	8 7 5 8	86 56	87 48	87 67	74	76 36	78 42	81 45	84 45	86 45	88	86 53	80 56	73 37	69	74 32	77	82 38	83	81	77	70 39	80.0
NEW CUMBERLAND	MAX MIN	77 50	82 47	87 63	84 62	71 56	71 56	82 51	86 51	84 57	83 53	88	88 67	77	75 37	75 42	77 46	81 47	84 48	86 48	85 57	73 50	67 37	67 38	71 33	76 34	82	82	82	76 47	70 37	79.0 47.9
NEW MARTINSVILLE	MAX M1N	78 54	84 52	86 64	72 62	75 59	75 57	79 56	85 57	86 60	81 54	87 54	8 9 6 5	80 52	75 43	78 50	82 48	83 51	87 51	85 50	85 55	80 56	70 44	70 39	74 35	77	80 40	80 45	78 45	78 54	70 42	79.6 51.0
PARKERSBURG FAA AP	MAX MIN	79 49	83 53	87 68	73 63	74 59	73 57	79 52	83 57	85 60	82 58	87 57	88 63	63 48	70 47	76 53	80 53	82 50	85 50	85 49	86 60	73 53	67 45	66 40	67 41	74 38	7 8 4 4	81 43	75 50	75 49	67 38	77.4 51.6
PARKERSBURG WB CITY	MAX MIN	79 49	83 51	87 67	73 63	73 59	75 57	80 52	84 56	85 59	81 61	88 57	88 63	63 53	73 49	78 54	78 54	79 52	83 51	85 49	85 58	73 55	66 47	67 42	72 39	76 38	79 41	80 43	77 49	75 48	68 40	77.8 51.9
WEIRTON	MAX MIN	80 52	83 48	85 64	74 61	70 56	73 56	я0 53	84 59	87 57	я2 56	84 50	87 72	76 47	76 40	77 46	81 47	84 50	86 50	89 50	80 61	75 52	68 42	69 40	75 35	77 36	85 40	82 47	8 2 5 5	75 52	72 37	79.3 50.4
WELLSBURG 3 NE	MAX M1N	78 47	83 42	86 61	82 62	73 56	72 58	80 48	84 54	86 54	84 49	87 44	87 66	77 49	76 31	77 37	79 39	84 42	86 42	88 43	77 53	73 53	66 33	69 31	74 26	78 27	82 30	81 38	8 2 4 2	74 52	76 32	79.4 44.7
WHEELING WARWOOD DM 12	MAX MIN	76 53	77 51	81 54	85 64	72 58	72 58	70 54	79 53	83 59	85 56	81 52	86 55	8 7 52	69 42	78 43	77 47	8 0 4 9	82 49	85 49	87 49	81 57	73 42	66 40	70 38	73 37	72 36	81 40	81 46	81 51	70 40	78.0 49.1
NORTH CENTRAL																																
BFNSON	MAX MIN	79 47	81 50	86 60	82 65	76 57	73 54	78 50	81 54	я0 56	78 54	87 50	88 64	94 52	73 45	75 45	78 45	81 48	82 47	83 43	83 49	81 58	66 36	69 31	70 30	76 31	76 35	79 36	74 38	73 53	70 36	78.1 47.3
BUCKHANNON 2 W	MAX MIN	75 46	80 42	82 58	78 64	75 60	75 57	76 47	80 49	81 50	79 52	83 49	83 65	77 50	70 48	73 45	76 46	76 44	79 42	80 41	80 45	75 55	61 35	63 30	68 30	73 28	34	76	76 37	68 53	62 35	75.2 46.1
CLARKSBURG 1	MAX MIN	76 50	81 48	84 61	74 59	74 59	72 55	76 52	80 55	80 57	78 58	84 50	84 65	65 49	72 47	73 47	77 46	80 51	81 49	80 47	80 51	67 48	63 38	65 33	69 32	74 34	76 37	76 39	74 42	70 44	64 39	75.0 48.1
FAIRMONT	MAX MIN	74 51	78 49	83 64	70 61	72 59	68 58	75 52	78 54	80 56	77 57	83 54	83 63	63 49	72 44	73 48	75 49	78 47	80 47	80 49	80 56	68 54	62 41	65 34	71 39	72 36	75 41	77 42	75 50	68 45	63 37	73.9 49.5
GASSAWAY	MAX MIN	76 51	83 50	85 62	77 67	77 61	73 58	78 51	80 54	82 56	81 55	86 57	87 64	76 54	72 52	75 50	76 53	77 54	79 50	79 49	82 52	76 58	64 43	66 39	68 37	72 35	76 44	76 44	73 44	70 56	64 42	76.2 51.4
GLENVILLE 2 NE	MAX MIN	78 50	78 46	83 48	85 65	77 59	79 54	75 52	79 55	84 55	85 57	82 53	87 58	87 56	57 49	74 46	77 50	79 52	80 50	82 46	82 48	84 52	65 36	67 31	68 29	70 30	75 36	78 38	79 38	75 44	73 37	77.5 47.3
GRAFTON 1 NE	MAX MIN	76 51	81 45	81 59	83 56	79 59	76 52	77 51	75 56	82 55	84 58	84 60	83 60	69 50	71 42	71 42	79 44	80 48	81 43	82 52	83 48	78 48	65 36	63 29	67 28	67 30	80 34	78 34	76 37	71 53	72 37	76.5 46.6
GRANTSVILLE 2 NW	MAX MIN	84 50	80 48	85 50	88 66	78 60	80 57	74 52	80 53	85 55	85 57	84 55	88 56	91 55	58 54	75 50	80 52	80 53	84 48	83 50	84 49	86 54	67 40	68 35	68 33	72 33	77 39	80 40	82 41	77 49	75 40	79.3 49.1
MANNINGTON 1 N	MAX M1N	73 48	80 45	я4 61	78 62	74 55	70 57	77 52	82 51	84 53	80 52	85 47	83 53	76 48	72 38	72 42	79 43	82 43	83 39	83 45	82 51	76 57	68 35	67 28	71 27	73 28	73 31	78 34	75 31	72 53	65 34	76.6 44.8
MIDDLEBOURNE 2 ESE	MAX MlN	77 55	80 48	86 63	72 64	75 57	74 56	77 56	82 55	80 55	82 56	84 51	86 62	66 52	73 43	76 48	77 47	80 48	81 48	81 48	82 53	75 58	66 39	67 33	69 31	71 34	77 36	79 40	75 42	74 54	67 38	76.4 49.0
MCRGANTOWN FAA AIRPORT	MAX MIN	75 49	77 50	83 66	70 61	69 59	65 55	76 51	78 55	8 2 5 7	78 57	84 58	85 63	62 50	69 47	70 49	74 50	79 44	81 46	79 49	79 59	66 50	61 39	65 34	67 42	73 38	77 43	78 44	77 52	68 44	63 37	73.7 49.9
MORGANTOWN L AND D	MAX MIN	76 53	80 50	86 63	78 63	73 58	68 56	78 51	81 55	84 57	80 58	85 50	85 66	67 50	72 44	73 49	78 47	8 1 4 7	83 47	81 50	81 55	74 57	64 39	66 35	71 35	73 36	76 40	78 43	77 47	72 56	65 40	76.2 49.9
WESTON	MAX M1N	78 52	78 49	84 49	88 66	75 61	79 60	78 53	78 52	83 54	85 55	82 56	88 55	89 55	58 50	70 47	74 48	78 51	80 49	82 48	83 48	85 52	65 41	65 35	66 33	70 34	75 35	79 40	80 40	77 42	74 41	77.5 48.4
SOUTHWESTERN																																
CHARLESTON WB AP	MAX MIN	77 52	84 48	89 68	77 65	75 60	74 56	79 54	82 55	85 56	61	90 56	87 65	66 54	73 54	77 50	78 54	77 56	53	50	53	65 55	67 44	36	71	75 36	43	79 47	43	- •	41	77.3
CHARLESTON 1	MAX M1N	80 55	82 51	88 54	90 69	63	78 57	78 59	83 57	97 58	60	90 58	90 60	89 58	59	51	53	56	54	52	87 53	90 57	66	70 38	71 36	75 36	90	48	84	75 53	76 41	81.0
DUNLOW 5 E	MAX	79 60	8 7 5 3	90 67	84 66	75 59	75 55	81 53	83 56	82 58	A5 62	89 59	8.8 66	85 51	77 50	77 50	77 49	77 49	50	51	85 54	81 58	65 45	65 41	69 42	73 43	80 47	79	73 50	54	67 41	78.8
HAMLIN	MAX	51	80 47	97 48	90 67	61	54	55	52	85 55	86 56	87 53	90 55	90 58	59	50	80 52	53	50	83	84	86 51	68 39	69 34	31	71 30	79 34	39	38	73	75 39	79.5
	MAX	74 54	77 54	82 57	85 68	74 60	75 56	74 55	77 54	81 56	82 57	83 59	86 58	85 58	62 55	74 52	77 52	77 55	78 53	81 52	81 52	83 56	70 48	62 43	37	70 35	73 35	78 40	78 45	69 45	73 40	76.3 51.4
HUNTINGTON FED BLDG	MAX														3.5		3.0	•			0.1						70	7.0	4.0	76	4.7	77.0
HUNTINGTON WB AIRPORT	MAX M1N	55	85 49	68	65	76 60	76 57	52	83 57	85 59	86	59	90 65	54	75 54	76 53	79 55	79 55	53	82 48	84 55	58	68 47	67 43	71 37	75 37	79 42	79	69 46 83	75 51 70	67 43 76	77.8 52.8 81.3
FOGAN	MAX MIN	82 54	86 52	53	65	81 64	79 59	79 58	82 59	85 60	86 60	59 59	91 59	90 64	65 56	77 53	81 57	83 57	82 54	86 52 81	84 51	88 54	77 48 67	73 42 63	72 38 64	75 34	78 36 71	82 44 74	43	48 67	47 67	52.7
LONDON LOCKS	MAX	75 56	75 55	55 55	65	75 64	71 62	70 59	75 57 82	79 60	82 61 84	83 62 85	85 60 89	80 66 87	66 55 62	70 54	53	76 56 81	75 54 79	53	51	57	48	70	40	66 39 73	40 77	50	50	49	72	54.0
MADISON	MAX M1N	80 55	80 52	85 58	65	80 64	77 60 77	57	57 84	84 59 85	60	60	60	62	55 75	51 78	56	57 81	54	52	52	54 82	70 46 70	41	37 70	73 34 75	34	43	72	49	45	79.0
POINT PLEASANT 5 NNF	MAX	78 47	82 44	89 62 87	82 63 85	77 57 87	51	50	51	54	57	52 87	67	52	47	48	49	46	45	49	52 85	58	40	36	33 72	32	36	38	40	53	33 70	48.1
RAVENSWOOD DAM 22	MAX MIN	46	83 45	64	60	58			52			54			49		51			45	52	58		33		32				52		47.7

Continued									D.	תוו	61	11	- TAT	IFL	_		_	-	_	_										5	EPTEM	66 R	1963
Station		1	2	3	4	5	в	2	в	9	10	11	12	13	14	Day 15	18	onth 17	16	19	20	21	22	23	24	25	26	27	28	29	30 :	31	verage
RIPLEY	MAX	81	85	89	9.2	80	77	81	85	97	89	90	90	66	16	н0	02	84	85	85	87	80	71	70	73	76	81	82	74	78	70	+	80.5
5PENCER	MAX	76	82	h3	A5	77	72	78	83	93	96 83	55 87	63	85	50	70	50	78	47 81	82	83	57	65	65	70	74	78	78	73	53	35 60		77.1
WILLIAMSON	MAX	94	86	90	92	83	80	81	52 85	87	89	90	90	52	54	77	50 84	50	83	87	51 88	90	82	73	75	76	37	84	33	70	77		82.9
WINFIELD LOCKS	MAX MIN	77	79	52	88	78	78	77	59	60 85	85	87	65 89	88	61	76	56 HO	19	55	55 82	56 84	95	67	69	68	72	74	80	79	74	74		78.7
CENTRAL	CIAN	55	54	53	69	62	56	56	57	59	59	61	61	60	56	53	54	55	53	52	52	58	46	42	41	41	42	46	47	48	42		53.0
ARBOVALE 2	MAX M1N	73	78	43	80	72	66	75 45	77	78 47	79	75 44	81 58	79	59	70	75 38	77	78 38	78 36	79 39	78	70 34	64	63	75	76	77	72 39	70 49	60 36		73.9 42.1
BAYARO	MAX	67	37 74 37	79	62	58 66 52	63	68	46 72 43	74	73	75 45	77 55	58 62 50	46 58 35	46 57 45	69	70 35	73 38	70	76 46	46 72 50	58	57 25	57	65 22	30 68 29	31 69 32	73 45	68	61		60,3
BECKLEY V A HOSPITAL	MAX.	76	77	79	78 63	73	69	74 45	76 48	77	79	79 51	78 62	75 55	60	68	73	72	76 41	76 39	78 43	76 50	67	63	61	68	74	72	68	67	62		41.7 72.4 47.0
BECKLEY WB AP	MAX MIN	71	43 78 49	90	75 61	72	70	76 45	76 51	78 51	78 56	79 55	78 59	63	59	70	73	72	75 48	76 45	78 49	76 53	60	62	62	68	74	72	68	67	58		71.5
BIRCH RIVER 6 55W	MAX MIN	73	80	76	76	64	73 55	76 45	7 Q	79	79	82 42	81	73	~ 7	71	75 42	74	77	78	80	68	63	62	68	72 27	75 31	75 33	75 32	69	67		73.8
BRANDONVILLE	MAX	72	72	53 78	81	69	67	68	46 74 47	78	78	75 43	81	80	61	63	64	73	77	77	77	77	69	58	62	63	72 31	73	75 43	76 52	67		71.9
BUCKEYE	MAX M1N	48 74 47	79 43	49 84 53	80	56 73 58	52 68 56	48 78 48	81	81 52	92 55	79 51	81	78	64	72 46	43 78 44	80	80	80 45	80	53 77 53	75 37	70 31	26 67 24	73 23	79 35	77	71 37	72 51	67 37		76.0 46.0
CANAAN VALLEY	MAX M1N	66	74	78	72	65 53	72	72	73	71	71	74 45	76 56	73	55 40	62	67	72 34	72	70	72 39	72 51	56 30	57	58	67	66	72 28	72	62	63		68.4
ELKINS WB AIRPORT	MAX MIN	71 47	35 79 45	50 83 56	73 60	70 55	69	74 50	76 52	78 51	77 53	81	82	63	65	74	73	75 48	75 46	76 41	78 45	68	60	63	69	72 27	73 36	73 38	76 38	67 45	58 37		72.4
FLAT TOP	MAX M1N	68	75	77	71	66	66	71 43	73 43	73	75 48	75 53	75 58	61	56 48	64	70	70 46	70 45	73	74 45	75	58	59 32	57 35	65	70 38	70	65	63	55 36		68.0
HOPEMONT	MAX MIN	71 41	75 57	70 59	66 56	61	66	68	70	74	72 50	77	75 59	71 52	74	70	68	73 51	69	70	67	64	60	48	57	60	64	69	65	61	71 41		67.5
MC ROSS	MAX M1N	74	79	82 53	78 62	73 58	70 56	77	78 48	79	78 56	80	79 57	78 55	60	70 48	75 43	75 48	77	77	79 44	78 52	72 43	67	65	70	77	74	68	68	67 38		74.1
OAK HILL	MAX M1N	76 47	77	83 52	85	77 62	75 60	74	80 50	84	84	85 50	83	84	64	65	77	78 50	77	80	81	83	75	60	68	68	72 41	78 43	77	69	69		76.3 48.1
PAR50N5 1 5E	MAX MIN	73 52	78 47	83	81	71 58	70 56	75 55	77 56	79 54	78 57	81 52	82	78 54	65	72	74 45	77	77	77	80	76 55	61	65	67	72 31	74 38	75 39	75 38	67	61		74.0 48.3
PICKENS 1	MAX MIN	69	75 42	78 54	72	71 55	68	72 42	75 46	75 48	76 50	78 47	78 62	70 51	60	71 42	71 45	73 41	74	74	74 45	69	57	62	68	70 28	72 37	71 36	74 34	67 50	58 32		70.7 43.8
R1CHW000	MAX MIN		-															75 43	77	75 41	79	77	67	66	65	70	75 41	74 38	67	71 42	68		
ROWLESBURG 1	MAX MIN	73	80 50	83	76 62	72 59	71 56	77 56	80 54	80 57	79 59	82 51	83	74 52	68 41	70 43	77 47	80	81	77 53	79 52	72 57	63	67	70 32	75 32	75 37	76 42	75 43	69	62		74.9 49.0
SPRUCE KNOB	MAX MIN	67	68	79 56	78 58	70 52	54	59 48	65	72 51	72	74 50	74 50	76 51	59 42	60	61	69 47	70 48	72 50	72 52	74 56	70	58 32	57	60	68	72 48	72	73	64		68.0 46.6
WEBSTER SPRINGS 1 E	MAX	84 52	82 46	85 58	82 65	78 61	74 59	82 53	83 53	83 55	84	85 53	85 63	84 55	69	81 48	79 50	80 54	80 51	80	84 49	77 56	67 46	70 37	72 33	77	79 40	79 41	69 41	73 53	66 39		78.4 50.1
SOUTHERN																																	
ATHEN5 CONCORO COLLEGE	MAX M1N	74 48	72 47	81 55	80 56	75 59	70 56	83	80 55	80 49	79 54	80 56	78 59	76 58	68 52	73 46	74 47	74 45	76 44	77	75 46	72 44	72 41	68 34	62 35	68	74 42	74	73 43	67 40	65 38		74.0 47.5
BLUEFIELO FAA AIRPORT	MAX M1N	71 50	77 55	81 62	73 62	68	69 56	73 49	75 54	75 57	76 60	78 61	77 59	71 58	55 49	67 47	73 48	72 47	75 52	76 52	78 52	78 57	62 44	62 38	60 39	68 43	73 54	72 50	62 51	63 48	64		70.8 51.8
BLUESTONE DAM	MAX MIN	78 53	78 51	84 51	87 61	80 64	75 60	73 56	78 55	82 58	82 57	78 58	83 58	83 61	68 55	63 54	71 50	78 51	79 54	80 51	81 51	84 52	81 47	67 40	68 37	66	72 36	80 47	79 46	66 47	70 44		76.5 51.3
GARY	MAX M1N			83 48	87 60	82 64	79 60	75 54	80 54	82 55	83 55	83 56	86 57	84 60	68 56	70 48	76 49	80 50	79 51	82 49	81 47	83 46	82 48	68 37	69 32	70 31	76 32	79 48	76 42	66 45	69 41		77.8 49.1
LEW15PURG 2 SSW	MAX MIN	76 43	79 44	90 56	84 65	77 61	70 55	77 50	80 48	80 51	81 53	81 53	8 2 5 6	81	65 51	70 50	77 45	78 47	80 48	80 45	82 50	81 52	68 43	68 32	67 33	70 32	79 42	75 40	73 39	68 51	67 38		76.2 47.8
PINEVILLE	MAX M1N	79 52	77 50	82 50	86 60	82 63	77 60	76 55	78 55	82 56	83 58	84 57	85 57	83 61	67 57	69 48	71 48	79 53	79 53	81 50	80 50	83 52	81 51	68 40	69 34	70 32	74 34	79 44	78 44	67 45	70 40		77.3 50.3
UNION	MAX MIN	78 40	75 43	83	85 57	79 58	71 54	70 48	76 47	80 47	80 49	82 52	80 54	82 50	67 51	58 50	68 45	77 46	76 46	79 41	79 43	81 48	81 44	70 30	66 30	64 32	70 42	78 40	76 38	66 48	68 39		74.8 45.4
WHITE SULPHUR SPRINGS	MAX MIN	78 47	82 43	87 55	86 65	79 61	72 56	79 52	81 47	8 2 5 3	83 54	81 50	83 57	81 59	65 52	70 47	79 45	79 48	81 50	82 45	84 45	81 53	80 43	69 29	68 28	72 27	79 39	77 41	72 37	69 53	68 35		77.6 47.2
NORTHEASTERN																																	
BERKELEY SPRINGS	MAX MIN	76 46	84	89 60	84 64	72 54	70 53	77 47	81 52	85 52	81 50	78 44	88 59	81 54	67 33	60 34	76 52	83 41	82 58	86 46	88 64	71 53	66 34	66 29	64 25	70 26	81 32	83 40	86 59	75 56	68 38		77.3 46.6
FRANKLIN 2 NE	MAX M1N	77 46	81 43	86 56	80 64	69 55	65 54	77 52	80 50	8 1 49	81 51	79 48	86 61	78 52	64	65 42	71 47	77 46	80 43	82 43	84 44	71 53	64 48	64	66 24	72 26	80 36	80 37	79 39	73 53	65 36		75.2 45.6
HARPERS FERRY NAT MON	MAX M1N	82 53	84 50	88 63	86 65	78 50	75 52	79 52	82 58	86 56	89 60	82 51	92 67	91 55	70 44	65 45	68 50	79 49	80 62	88 52	91 57	87 55	70 41	68 36	67 34	70 33	82 40	86 46	8 <b>5</b> 51	8 0 5 <b>5</b>	78 43		80.3 50.8
KEARNEYSVILLE 1 NW	MAX MIN	78 52	76 46	83 61	86 64	77 57	60 53	71 50	76 53	79 53	84 52	82 46	78 56	90 55	66 35	67 37	60 52	71 40	79 51	80 49	85 55	88 57	65 36	66 31	64 26	62 27	68 33	79 40	84 52	84 55	75 43		75.4 47.2
KEYSER	MAX M1N		51	88	36 54	75 55	67 54			81 44	85 48	84 52	85 61	86 52	40		73	79 45	81 49	86 48	85 60	82 50	67 42	71 32	72 28	72 29	80 31	81 42	82 52	8 0 5 5			79.3 46.5

Continued																														26	FILME	JER	4 703
Statlon																Day	Of M	onth															e Ba
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
MARTINSBURG FAA AP	MAX	77 50	85 46	90 60	78 61	61 54	72 52	77 50	80 55	85 53	83 53	81 49	91 62	76 46	68 <b>41</b>	60 41	73 51	80 42	79 63	86 49	89 56	70 55	66 40	65 31	64 29	71 29	81 35	84	86 55		69		76.8 48.1
MATHIAS	MAX	77	82 41	88 56	78 62	67 52	65 50	76 49	80 48	82 48	80	77 46	87 61	75 49	62 38	62 37	72 49	77 40	79 46	83	84 45	68 53	62 42	65 27	62	68 23	80 34	81 36	79 41	73 51	65 37		74.5 44.0
MOOREFIELO MCNEILL	MAX	78 44	86 40	89 56	89 62	73 53	68 52	79 48	85 46	85 45	85 48	83 43	91 57		66 34		75 51	82 40	86 45	85 42	86 45	85 53	68 39	67 25	69 23	74 22	83 30	83 31		76 53			79.7 43.1
PETERSBURG	MAX	82 48	86	91 59	90	73 54	64 54	79 53	78 52	84 50	83 52	81 49	90 68	85 54	68 39		70 52	81	82 45	84	91 47	83 54	66 48	68 29	68 25	75 25	8 2 3 3	83 36	84		70 38		78.8 46.5
PIEOMONT	XAM NIM	76 52	76 50	84 56	86 64	76 56	55 50	66 50	79 56	80 59	85 57	83 50	81 50		64		63 50	78 50	82 53	82 54	85 60	86 58	60 42		70 32	66 31	71 38	80 50	83		70 39		75.4 49.8
RCMNEY 3 NNE	MAX	77 49	85 46	90 59	84 62	74 55	68 53	79 54	81 54	85 54	83 55	83 46	89 60		66 34		73 52	83 49	82 51	85 48	87 51	79 55	66	67 31	66 26	73 26	82 33	83 36	85 46		70 34		78.2 46.9
WARDENSVILLE R M FARM	MAX MIN	78 47	76 45	85 50	88 61	76 56	59 52		78 52	81 51	84 51	82 47	80 49	89 55	62 38		61 45	72 42	81 43	78 47	85 49	87 52		65 29	65 25	64 26	70 33	81			76 38		75.4 45.0

STATION	EX NO.	COUNTY	AGE :	LATTIODE	CONGITUDE	мошу.		RVA1 IE AN ABLES	(D	OBSERVER	STATION	EX NO.	COUNTY	AGE :	TTUDE	GITUDE	ELEVATION		TIME	VATIC AND ILES		OBSERVER
	DAD		DRAINA	LAI	LONG	PLEV	TDO:	17.0	SPECIAL			I CAU		DRADNA	17	LONG	FF	100	PRECED	ENV	SPECIAL SPECIAL	
ALBREUNT ALDERSON ALPENA 1 NW ARBOVALE 2 A3MENS CONCORD COLLEGE	10094 P 0102 M 0163 R 0249 P 0595 N	IONROE IANODEPH OLAHUNTAS	7 2 T	39 29 37 44 38 95 38 26 37 25	79 16 RJ 1R F9 60 F9 67 R1 01	3020 2730	* 7 7 7 5P R 3P 3	A A	11	MONONGATELA POWER CO. RASSIL L. SIMS OMER S. SMITH MMS. RETSIE R. STEETS CONCORD COLLEGE	MARTINSBURG PAA AP HARTINSRUNG 2 W MATNIAS MATOASA MC MECMEN GAM 19	9112	REMPELEY REMETLEY HARDY MENIER HARSHALE	9	19 24 19 28 18 52 17 25 19 59	FT 9V FR 93 R1 15 R0 00	1025	H10			11	PE . AVIA . JN A. FRIFF N DEM . BI WE VIMUEL . NATHEA: NAT B. THOMM JN GRPS OF INGINE #,
BAYARD BECKLEY V A HOSPIEAL RELINGEOM BELLEVILLE CAM 70 BELLY	0527 G 0980 R 0855 B 0849 W 0861 N	ALEIGH ARBOUR	7 10 6	19 16 37 47 39 02 19 09 16 14	79 22 Rf 1L 79 96 Rf 49 R1 12	2330	5P 7: 6P R 7: 7: 7: 7:	A A	н	HOWARD R. FULF V. A. HOSPITAL GEORGE R. HILLYARD ORPS OF ENGINEERS RAYMOND E. PHIL IPS	MC ROSS MEADOW BLUPF 2 S MEADOW BLUPF 2 S MOOREFIELD 2 SSE MEXOREFIELD MYNETELL	1000 1903 Alos	GRESNURIER GREENBRIAR TYLER HAROY HARDY	4 5 7	31 59 37 53 39 29 39 2 39 2	RO 69 RO 60 RO 93 7R 5E 7R 96	7490 790 R10	4P 7P 6P	7A 7P		997)	HUS ANITE  NED T SMEDT 6295  FORD W. ALL AN ALLE  MR. J IL AN ALLE  MR. J IL AN ALLE  MR. J OHR M. AVIT
BENSON 1 35E BERKELLY SPRINGS BIRCH RIVER & SSW BLUEFIELD FAA ALRPORT	0667 T 0710 M	ORGAN ICHOLAS	9	39 09 39 28 39 37 38 29 17 18	RO 39 R1 06 78 14 80 47 81 13	644 640 1885	RA R 6P 6 6P 6 4ID:MI	4	н	CLARK BURG WATER BOAND ROBERT N. HALE N. M. RUPPINTHAL - 111 SOUTHLASTERN GAS CO. FED. AVIATION AGENCY	MORGANIOWN FAA AIRPORT MORGANIOWN LOCK AND OAM MT STOMM NAOMA NIM CUMBENLAND	6293	MONONGALIA MONONGALIA GRANT RALEIGH HANCOCK	6 9 4	39 3n 39 37 39 17 37 52 40 30	79 95 79 58 79 14 81 29 80 16		HIL JP 6P	7A 6A			FEG. AVIAT ON AGINE F SMP's of ENGINEER MR's ET L N MIMMES WINGEL SO SETT STELLAM D. MURRAY
BEUESTONE DAM BRANCHLAND BRANDONVILLE BRUSHY RUN BUCKEYE	1075 L 1083 P 1204 P	UMMERS INCOEN RESTON ENGLETON OCAHONTAS	3 2 9	37 39 38 13 39 40 38 50 36 11	RO 53 82 12 79 37 79 £5 80 OR	1375	8A 6 7 8A 8 7 5P 7	4	СН	CORPS OF ENGINEERS BERYL E. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAN WALTON	NEW MARTINSVILLE OAK HILL OMPS PARKIRSBURG FAA AIRPORT R PARKERSBURG WB (1EV	6591		7 9 0	39 19 37 56 39 30 39 21 39 16	RO 52 R1 09 TR 17 61 26 R1 34	950 R37	6P 7A MID MID	7A 7A MID		н	UR: Z: W: ANEROM MELLS M: MARTEN MRJ: E: M: HOVEHMALE : S: WEATHER BUREA U-S: WEATHER BUREA
BUCKMANNON 2 # BURNSVILLE CAIRO 3 S CAMBEN ON GAULEY CANAAN VALLEY	1220 U 12R2 8 1528 R 1563 W 1563 T	RAXTON 1CH1E EBSTER	3	39 00 38 52 39 10 38 22 39 03	80 16 80 40 R1 10 R0 36 79 26	2100	6P 6 6P 7 6P 6	4	H	DR. ANTHUR B. GOULO JOHN #* BROWN EUREKA PIPE LINE CO. *** **HOWARD FLETCHER BEN F. THOMPSON	PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEOMONT	6954 6982 6991	TUCKER GRANT BARBOUR RANDOLPH MINERAL	10	39 06 59 00 39 09 38 40 39 29	79 40 79 07 80 02 80 13 79 02	1281	6 P	7.A 7.A			FERROW EXP. FOREST MR. BE S MILL MRS. NAXING GEA H MRS. NE L. B. APMISPORG C. A. SUTER. JR.
CENTRALIA CHARLESTOR WB AP CHARLESTOR 1 CLARLSBURG 1 CLAY 1	1975 K	ANAWHA ANAWHA ARRISON	4 6	36 37 36 22 38 21 39 16 36 27	80 34 81 56 81 59 80 21 81 05	950 939 600 977 722	9A 9. 9IO M10 9IO M10	MID HID		MRS. CEARA F. HOLDEN U.S. WEATHER BUREAU W. VA. WATER SVC. CO- HENRY R. GAY MRS. SARAM B. FRANKFORT	PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAYENSWOOD DAM 22 RENICK 2 5	7112 72 7 7352	WYOMING MASON MERCER JACKSON GREENBRIER	8 7 8	17 5 16 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	6L0 2410				н	JAMES G. MY DERMIT UNIVER LITY OF B. VA. H. VA. MATER SVC. C. ORPS IT ENGINE PS MRS. MARY V. MY FERPIN
CLENDENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK	1723 K 1999 K 2054 W 2209 T 2462 R	ANAWHA IRT UCKER	5 2	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	648 3120	7A 7:		C H	KATHERINE M. RADER MOPE NATURAL GAS CO. SEHARO R. LYNCH MRS. MARY L. OUMAS MRS. RUTH E. JARRELL	RICHWOOD RIPLEY ROMNEY 3 NNE ROWLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS	9 2	38 13 38 49 39 23 39 21 39 23	80 31 81 43 76 44 79 40 81 12	610 640 1375	5P 5P	6P 5P 5P 7A 5P		н	OAYTON WEBB CITY OF RIPLEY MISS FRANCE, VANCE MRS. MAUDE C. BOLTARD JOHN M. INGRAM
OUNLOW 5 E ELKINS WB AIRPORT ELLEMBORO FAIRMONT FLAT EOP		ANDOLPH ITCHIE ARION	10	38 02 38 53 39 18 39 28 37 35	R2 20 79 51 R1 04 60 08 81 07	1970 805 1298	7.	A A		KELLY BROWNING  U. S. WEATHER BUREAU  MRS. RUBY L. GORPELL  CITY FILTRATION PLANT  FRED E. BOWLING	SALEM JACOBS RUN 1 SALEM POST ROGERS SMITHBURG SMITHVILLE	7889	HARRISON HARRISON DODDRIDGE PITCHIE	6	39 18 39 17 39 17 39 04	80 35 80 36 80 44 81 05	795		AB	C		CLOSID 7 -62 L D 762 HOPE NATURAL GAS 0.
FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE 2 NE	3238 L 3393 H	K DOWELL RAXTON	1 4	38 40. 39 06 37 22 38 40 38 57	79 19 80 31 61 33 80 46 80 49	1030 1426 840		A .	C C C H	GEORGE O, HAMMEP EDUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. DICK W. BEALL	SPENCER SPRINGFIELD 1 N SPRUCE KMOB STONY RIVER DAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HAMPSHIRE PENDLETON GRANT NICHOLAS	9 9	38 48 39 28 38 41 39 08 38 18	81 21 78 42 79 31 79 16 80 48	3050	6P 8A	RA BA BA 7A	(	н	W. VA. MATER SVC. O. MARRY L. GRACE HARRY J. GORDON FRED C. BECKER CHARLES F. GUM
GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITMSVILLE MACKER VALLEY MALL	3630 T 3648 C 3749 L 3798 W 3816 8	ALHOUN INCOLN EBSTER	5 3 4	39 21 38 56 38 14 38 39 39 03	8D 00 81 06 81 59 80 23 80 07	730 950	5P 51 8A 8	١.	c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN O. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON	SUTION RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGARI OAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	2 4	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02			7A 7A	7A C		CORPS OF ENGINEERS CMARGES E. TREMBLY MRS. MARGARET PERFINS MISS NOPMA RUTH CASTO CORPS OF ENGINEERS
MAMLIN MARPERS FERRY MARPERS FERRY NAT MONNT MASTINGS MICO	3846 L 3927 J 3932 J 3974 W 4128 F	EFFERSON EFFERSON ETZEL	9 9 8	36 17 39 19 39 19 39 33 36 07	82 06 77 44 77 44 80 40 81 00	760	8A 87 5P 51 37			W. VA. WATER SYC. CO. MISS ELEAMOR J. HHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILDRED E.CRIST	UNION VALLEY BEND VALLEY HEAD VANDALIA WARDENSVILLE R M FARM	9068 9086 9104	HONROE RANGOLPH BANDOLPH LEWIS HARDY		37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 78 35	1975 2010 2425 1120 960	7A 9A	7A 7A 7A 6P 9A	C 9A		MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARO UNIVERSITY EXP. STA.
HOGSETT GALLIPOLIS DAM HOPEMONT HORNER HOULT LOCK 15 HUNDRED	4200 M 4264 P 4281 L 4309 M 4369 W	RESTON EWIS ARION	11 8 6	38 41 39 26 38 59 39 30 39 41	62 11 79 31 80 22 60 08 80 27	570 2490 1075 878 1034	7A 77 5P 77 4	A P	С	CORPS OF ENGINEERS MRS. MARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS MFGRS. LT. + MT. CO.	WASHINGTON DAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9345	WOOO WEBSTEP HANCOCK BROOKE LEWIS	8 8	39 15 38 29 40 24 40 18 39 02	61 42 60 24 60 36 60 35 60 28		6P	7A 7A 6P 6P 7A	ς		CORPS OF ENGINEERS THOMAS W. MOORE C. E. STETSON MISS OORIS J. PFISTER J. ARTHUR HENRY. JR.
R HUNTINGTON FED BLDG HUNEINGTON WB AIRPORT IAEGER IRELANO JANE LEW	4388 C 4393 C 4408 M 4478 L 4559 L	ABELL C DOWELL EWIS	8 1 6	38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828	4[0   M10 410   M10 8 5	A.	с н.	CORPS OF ENGINEERS U. S. MEATHER BUREAU MRS MOLLIE C. AUVIL CLARKSBUPG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD DAM 12 WHITE SULPHUP SPRINGS WIDEN WILLIAMSON WILLIAMSON 2	9522 9554 9605	OHIO GREENBRIER CLAY MINGO MINGO	1	40 08 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	1914	8A 5P 8A	7A 7A 8A 8A 7A			CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
KEARNEYSVILLE 1 NW KERMIT KEYSER KUMBRABOW STATE FOREST LAKE LYNN	4816 M 4836 M 4971 R	IINERAL	9	39 23 37 50 39 26 38 35 39 43	77 53 82 24 78 59 80 05 79 51	620 930 3210	BA B 7 5P 5 5P 5	4	СН	WB AGRICULTURE SER. OFF. ROY A. DEMPSEY POTOMAC STATE COLLEGE FOREST SUP!. WEST PENN POWER (O.	WINFIELD LOCKS  NEW STATIONS  BECKLEY WB AIRPORT MOUNOSVILLE	0582 6248	PUTNAM RALEJGH MARSHALL	7 8	38 32 37 47 39 54	80 45	2504 620	MIO			١	U.S. WEATHER BUREAU MOUNOSVILLE SWG. IPIMT. PL
LEWISBURG 2 SSW LINDSIDE LIVERPOOL LOCKNEY LOGAN	5224 G 5284 M 5323 J 5341 G 5353 L	ACKSON 1LMER	7 8 5	37 46 37 27 38 54 38 51 37 51	80 28 80 40 81 32 80 58 82 00	2000	5P 5		H C C C C	RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT MOPE MATURAL GAS CO. COY E. MARSHALL	SMOOT	18295	GREENBRIER	60	37 52	80 40	2540		7A			P. JOHOL
LONDOM LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 H MARLINTON	5365 K 5563 B 5621 M 5626 M 5672 P	OONE ARION	6	36 12 38 03 39 33 39 32 36 13	81 22 81 49 80 21 80 22 80 05	975	7A 7: 8A 8: 6P 6: 7:	A	н	CORPS OF ENGINEEPS J. E. CURRY JAMES N. MORGAN ORA G. FROST CECIL A. CURRY												

\$ 1-BIG SANDY, 2-CHEAT, 3-GUYANOOT, 4-KANAMHA, 5-LITTLE KANAMHA, 6-MONONGAHELA, 7-NEW, 8-OHIO, 9-POTOMAC, 10-TYGART, 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

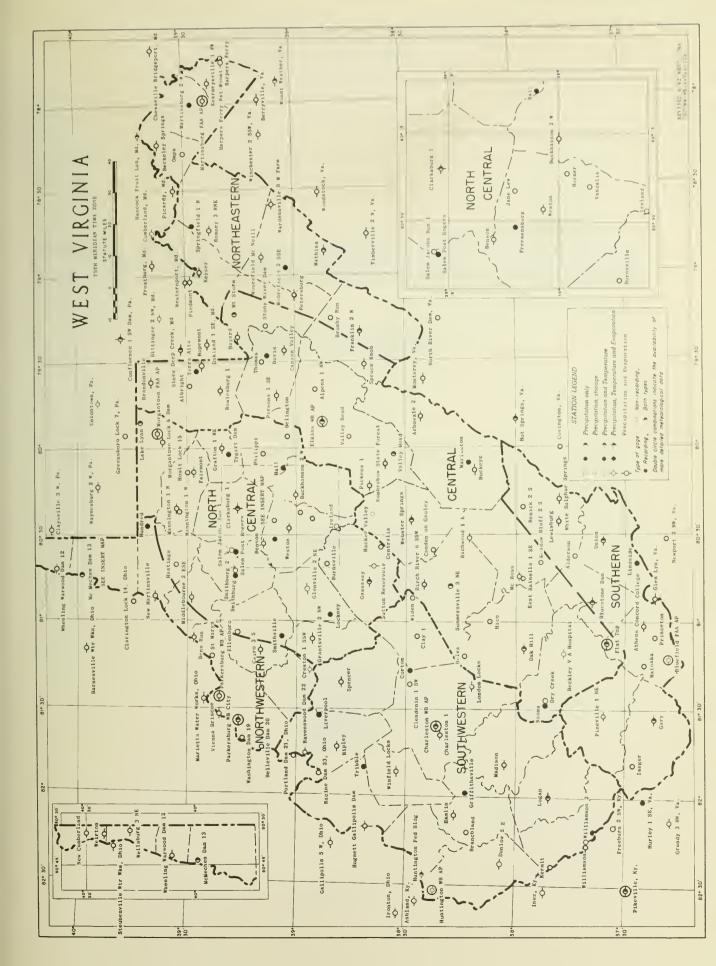
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield,
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE-- 11-25-63 --725





WE

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

OCTOBER 1963 Volume 71 No. 10



JAN 20 1964

#### WEST VIRGINIA - OCTOBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 7th at Petersburg

Lowest Temperature: 18° on the 31st at Buckeye

Greatest Total Precipitation: 1.00 inches at Valley Head

Least Total Precipitation: Trace at 5 stations

Greatest One-Day Precipitation: 0.80 inch on the 28th at McMechen Dam 13

Greatest Reported Total Snowfall: 2.0 inches at Canaan Valley and Spruce Knob

Greatest Reported Depth of Snow on Ground: 2 inches on the 30th at Spruce Knob

#### SPECIAL WEATHER SUMMARY

One of the driest fall periods of the century at most stations began about September 14 and lasted until October 27. This has resulted in the lowest October statewide precipitation since records were started in 1891; the average being less than 0.30 inch. The next lowest October statewide average (not necessarily the same stations, however) was in 1924 with 0.40 inch. Normal statewide averages for October are between 2 and 3 inches of precipitation.

Four stations in the southwestern part of the State recorded just a trace of rain for the month. Pickens, centrally located in the mountainous part of the State, recorded only 0.67 inch, which is the lowest ever recorded for any month since the station opened in 1902.

The overall effect of this dry period on agriculture and urban population was limited, however. The growing season was practically over by the beginning of October. A few individual farmers suffered loss because their fall planting of wheat or barley did not germinate due to deficient soil moisture. Also, some other farmers were forced to haul water for their livestock because their wells or small streams in their area had dried up. Smaller rivers, depending on their location, were generally at low, but not necessarily record, levels. The Greenbrier River along the eastern edge of the State had the seventh lowest October flow in 70 years. The Cheat River at Rowlesburg (upstream from nationally renowned Mont Chateau Lodge near Morgantown) was the lowest

since records began 37 years ago. Most of the larger rivers had adequate flow because of upstream reservoirs and dams started during the thirties as part of the government's long range and farsighted conservation programs. Most of these reservoirs had sufficient water to last until the winter recharge, as rainfall since April 1 was generally 80 to 95 percent of normal in the central portions of the State, west of the mountains, and only ranged down to 60-65 percent of normal along the outer fringes of the State.

Other effects of this prolonged mound of high pressure over the entire area were many days of mostly clear skies, low humidity readings, and many record high temperatures at individual stations for so late in the year. The dry, tinder-box conditions caused the closing of the State parks and postponement of the hunting season. In spite of these precautions, over 200 fires broke out in the forested areas of the State. The industrial areas had intermittent periods of relatively higher than normal air pollution.

Robert O. Weedfall Weather Bureau State Climatologist Weather Bureau Office Agricultural Engineering Building West Virginia University Morgantown, West Virginia

				Tem	perat	ure							1					Preci	pitation		OC 16			-
										N	a. af	Days								w, Slaet		H	o of	Days
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mo en	li li	Mi		Total	Deporture	From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Done	.10 or More	50 or More	1.00 or More
NORTHWESTERN											+	+	+										7	
BENS RUN 1 SSE CAIRO 3 5 CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLANO	75.7 77.5 78.5 78.2 78.5	38.5 36.9 34.0 38.8 40.9	57.1 57.2 56.3 58.5 59.7	0.2 1.0 0.6	83 85 86 86 86		28 25 23 27 29	31	238 232 263 207 173	00000		5 11 14 6 4	00000	.16 .21 .28 .55	-	2.23 2.36 2.29	.11 .13 .20 .35	28 28 28	.0 .0 .0	0000		1 1 2 0	00000	0 0 0 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	78.6 75.4 76.0 78.1 77.5	41.7 44.8 44.7 44.3 35.4	60.2 60.1 60.4 61.2 56.5	3.5 3.4 2.8	87 84 84 87 85	24 7 7• 17• 17•	30 31 32 33 25	30 31 30•	155 154 151 138 257	00000	00000	2 1 0 12	00000	.62 .48 .22 .25	-	1 • 95 1 • 83 2 • 44	.60 .25 .11 .18	28 28 03	•0 T •0	0 0 0 0		1 2 1 1 0	0 0 0	0 0 0
WHEELING WARWOOD OM 12	76.8	41.2	59.0	3.7	85	7	33	14	185	0	0	0	0	.23	- ;	2.10	.21	28	•0	0		1	0	0
CIVISION 01			58.7	2.8								-1		.30	-	2.16			T					
NORTH CENTRAL		34.0	5 4 1	, ,	0.7	24	21	2.	270	0		, ,	0										0	0
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY	77.2 73.8 73.3 73.2 75.8	34.9 35.8 37.3 43.3 40.2	56.1 54.8 55.3 58.3 58.0	1.1 0.6 1.5 2.6	82 81 82 83	18	21 22 26 34 25	31 31+	308 293 205 212	00000		12 12 7 0 2	00000	.44 .38 .43 .49	- :	2.49 2.83 2.15 2.20	.18 .21 .17 .07	28 30+	0 T 0 T	00000		2 2 3 0	00000	0 0 0
GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE	76.9 75.4 78.0 76.1 76.1	35.0 36.3 37.8 34.3 37.6	56.0 55.9 57.9 55.2 56.9	= 1.3 0.9 1.3	84 85 86 84 84	25+ 24 20 24 24+	22 27 24 24 26	31 13 31+ 31 31	275 274 215 295 245	00000	0	13 10 5 13 8	00000	.12 .62 .04 .39	- :	2.82 2.37 2.42 2.36	.05 .20 .02 .20	30 30 30 29 27	.0 .0 .0	0 0 0		0 4 0 2 0	00000	0 0 0
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON	73.3 75.1 75.9	44.2 41.0 37.5	58.8 58.1 56.7	0.0	83 85 85	24+ 24 20	32 28 26		200 210 251	0 0	0 0 0	2 4 5	000	.24 .20 .24		.51	.10 .08	30	•0	0		1 0 1	0 0 0	0
OIVISION 02			56.8	1.2										•30	- :	2.53			Т					
SOUTHWESTERN													-											
CHARLESTON WB AP R CHARLESTON 1 OUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS OAM	76.1 81.2 74.8 78.3M 75.1	42.3 41.4 48.3 36.7M 40.8	59.2 61.3 61.6 57.5M 58.0	1.9	84 89 81 85 82		28 26 34 22 26	31 30 30 30 30	177 128 121 224 211	00000	00000	2 2 0 5 2	00000	.09 .11 T .10	- ;	.49	.06 .11 T .08	28 31 • 28	T • 0 • 0 • 0	0000		0 1 0 0	0000	0 0 0
HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LONGON LOCKS MAOISON	79.5M 76.8 79.3 72.2 78.2	46.2 44.4 40.9 44.7 40.1	62.9M 60.6 60.1 58.5 59.2	4.2	87 84 86 79 85	16 24+ 12+ 22+ 20+	36 27 27 31 25	31 30 31 31 31	81 144 150 196 172	00000	00000	2 2 2 2	00000	T T T •28	- 2	2.06 2.06 2.37	T T •13 •03	31 + 28 30 28	•0	0		0 0 0	00000	0 0 0 0
POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WILLIAMSON	77.6 79.5 79.2 76.6 80.6	39.7 39.9 38.4 40.2 42.0	58.7 59.7 58.8 58.4 61.3	2,3 2,3 2,3	84 86 86 83 88	7+ 16 26+ 19+ 12+		30 30 30 31 31	194 169 191 204 117	00000	00000	5 6 3 2	00000	.16 .05 .02 .02	- ;	2.03	.16 .05 .02 .02	28 31 30	•0	0		1 0 0 0	00000	0 0 0 0
WINFIELO LOCKS	77.4	44.5	61.0	3.2	84	12+	29	31	130	0	0	2	0	.06	- ;	.05	.06	28	.0	0		0	0	0
OIVISION 03 CENTRAL			59.8	2.2										•07	- ;	2.22	:		Т					
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	71.3 68.8 71.7 70.5 73.2	32.3 32.8 36.6 42.8 31.6	51.8 50.8 54.2 56.7 52.4	1.9 0.7	81 76 79 77 81	7 24* 19 19* 19	22	31 14 31 30 16+	401 430 328 249 382	0	00000	17	00000	.34 .32 .14 .14	- :	.10 .98 .47	.25 .20 .08 .07	28 30 29+	• 0 T • 0 T	0 0 0		1 2 0 0 2	00000	0 0 0 0
BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	71.5 74.1 67.2 71.5 67.5	35.2 33.2 31.1 34.3 39.5	53.4 53.7 49.2 52.9 53.5	2.2		26 • 7 7 24 • 26 •	22	14 31 15+ 31 30	353 345 484 367 347	00000	00000	15	00000	.21 .18 .39 .31	- 3	41	.08 .07 .19 .19	29 29	+0 +0 2+0 T	0 0 T 0		0 0 2 1 0	00000	0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	68.6 73.7 75.0 72.5 69.9	37.1 34.4 39.9 37.0 35.9	52.9 54.1 57.5 54.8 52.9		77 81 84 82 78	25+ 19 8 24 18	20 26 25	31 31 31 31 31	372 332 228 309 369	0 0 0 0	00000	4 13 2 8 9	00000	.80 .42 .27 .51			.50 .28 .12 .20 .42	29 29 28	.0 T .0	0 0 0 0		3 2 2 2 2 3	1 0 0 0 0	0 0 0 0
RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	72.6 73.5 67.8 76.6	36.7 39.0 45.6 38.3	54.7 56.3 56.7 57.5		82 79	19+ 24+ 8 18	27 28	31 31 31 31	314 265 253 227	0 0 0	0000	10 4 2 3	0000	.50 .48 .39 .26			.30 .20 .17	30 28	.0 .0 2.0	0 0 2 0	30	2 2 2 1	0000	0 0 0
OIVISION 04			54.0	2,2										.36	- ;	.80			•2					
SOUTHERN																								
ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM GARY // LEWISBURG 2 SSW	71.3 69.0 74.4 75.8 73.3	41.3 47.1 39.8 37.0 38.4	56.3 58.1 57.1 56.4 55.9	0.5	75 81	26 26+ 20+ 20+ 7	30 28 24	31 30 31 31+ 31+	265 206 238 259 277	0 0 0 0	00000	2 1 1 6 5	00000	.08 .09 .11 .02 .21	• 2	. 27	.08 .08 .11 .02	28 30 29	.0 .0 .0	0000		0 0 1 0 1	00000	0 0 0 0

See Reference Notes Following Station Index

CONTINUED WEST VIRGINIA OCTOBER 1963

				Tem	perai	ture											Prec	ipitation					
										١	lo, of	Doy				T		Sno	w, Slee	1	И	lo. of	Days
Stotion	Average	Average	Average	Deporture From Normal	Highest	Date	Lowest	Dote	Degree Doys		DX.	32° or Below	$\dashv$	Totol	Departure From Normol	Greatest Day	Dorte	Total	Mox. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PINEVILLE UNION WHITE SULPHUR SPRINGS	75.3 73.1 75.0	37.9 36.2 35.1	56.6 54.7 55.1	0.9	82 80 82	25+ 20+ 7	21	31 31 31	255 315 305	0	000	5 8 13	000	.22	- 2.0 - 2.0	3 .1	1 30+ 1 29 5 30	.0		000	0 1 1	000	0
CIVISION 05  NORTHEASTERN  BERKELEY SPRINGS FRANKLIN 2 NE FRANKLIN 2 NE FRANCH NAT MON KEARNEYSVILLE 1 NW KEYSER	74.6 74.2 78.9 73.0 77.3M	38.7 36.4 43.7 40.5 39.7M	56.7 55.3 61.3 56.8 58.5M	0.9	88 87 88 86 86	7 7 8+ 8	22 34 27	14 31 16+ 14	252 292 122 256 195	000	00000	8 8 0 6	00000	.55 .04 .13 .08	- 2·1	.4	0 03 4 30 3 03 8 04 6 28	.0		0000	2 0 1 0 0	00000	0 0
MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL PETERSBURG PIECMONT	73.9 72.3 M 77.1 74.5	39.8 36.6 33.0 37.2 43.2	56.9 54.5 M 57.2 58.9	0.9	89 87 90 87	7 7 7 7	25 22 25	14 31+ 14 14 31+	247 320 240 195	0	00000	7 11 16 9 4	00000	.07 .19 .28 .17	- 3.2 - 2.6 - 2.	9 .1	7 03 1 28 28 28 7 29 08	1 .00		0000	0 1 1 1 0	00000	0
ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION 06	76.6 75.0	36.5 37.4	56.6 56.2 57.2	2.4	88 88	8		15 14	253 267	0	0	8	0		- 2.	0 .0	.0 28 22 294	• C		0	0	0	

T	- 1					Day of Month					-	fonr#	
Station	Total	1 ] 2 [ 3 ]	4 [ 5 [ 6	7 8 9	10 11 12	13 14 15	16   17   18	19 20 21	22 23 24	25   26   27	28 29	30	31
NORTHWESTERN BELLEVILLE DAM 2D BENS TUN I SSE C41RO 3 5 CRESTON I SSW ELLENBORO	.62 .16 .21 .26	.03	.04	T				T		.03	.62 .11 .13 .03	.05	•
HC MECHEN OAH I3 HOUNDSVILLE NEW CUHERLAND NEW HARTINSVILLE PARKERSBURG FAA AP	.06 .59 .06	, o t	T	T T T				ī		T .05	.25 .0	;	.10 . .02 . .19 .
PARKERSBURG WB CITY R ST MARYS WASHINGTON GAM 19 WEIRTON WELLSBURG 3 NE WHEELING WARWOOD DH 12	.23	.02 .18 .05	T	T T						.04 .04 .07	05 T	.03	.03 .
NORTH CENTRAL													
BELINGTON BENSON BUCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	.49 .44 .38 .32 .32	т т т	T	**************************************						•	.08 .1 .27 .21 .0	.05	
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE 2 NE GRAFTON 1 NE GRANTSVILLE 2 NW	.43 .49 .12 .12 .62	.02		.01						000 01 001 002	.02 .1 .01 .0 .04	1 •17 •05 •20	.10 .
HASTINGS HORNER HOULT LOCK 15 IRELANO JANE LEW	.41 .09 .35 .36	.04		03 T						-11 1 -20 -21	.08 .0 T .0	1 7 .05	T .
LAKE LYNN MANNINGTON 1 N HANNINGTON 1 W H1DDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT	.3	.02 .03		+02 T						-10 T -00	.06 .0 .03 .0	0 2 .22 6	T .
HORGANTOWN ( AND O PHILIPPI SUTTON RESERVOIR VANDALIA	.20 .32 .27 .03		•04 •04	T .0					Т	*0°	.13 T .18 .0 T .0	.08 .14 2 .07 3	
SOUTHWESTERN  BRANCHLANO CHARLESTON WB AP CMARLESTON 1 CLAY 1 CLENDENIN 1 SW	.09 .09 .11 .18			ŤŢ				Т		Ţ	.09 T .06 .0 .11 .14 .0	T	.02 T
DUNLOW S E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON FED BLOG HUNTINGTON MB AIRPORT	T •10 •08 T T							T .00	2	T T	T T 08 T 08 T T T T		7
KERMIT LOGAN LOMOON LOCKS HAGISON POINT PLEASANT 5 NNE RAYENSWOOD DAM 22	.01 T .28 .03 .16			T				T		•10	.01 T .05 .1 .03 T	0 •13 T	T
RIPLEY SPENCER WIOEN WILLIAMSON WILLIAMSON 2	.02 .02 .31 .10			т т				т			7 T T .20 F .10 T	*02 •11	.02
CENTRAL	•06										.06	T	
ALBRIGHT ALPENA 1 NW ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL	.38 .26 .34 .32		•03 T	•0	1					1	.28 .12 .0 .05 .0 .20	4 .25 .11 6 .08	
BECKLEY WB AP BELVA BIRCH RIVER 6 SSW BRANDONVILLE BUCKEYE  CAMOEN ON GAULEY	.15 .28 .21 .18		•04	T					.0	.0	.07 .0 .08 .0 .17 .1 .06 T .01 .0	7 T 1 .05 5 .07	1
CANAAN VALLEY DRY CREEK ELKINS WB AIRPORT FLAT TOP HACKER VALLEY	.39 .16 .31 .17	т		T *02						• 0	.12 .1 .09 .0 .02 .1 .04 .0	9 7 9 T 5	T .08
HICD HOPEHONT HC ROSS HT STORH	.26 .78 .80 .42 .35		•12 T	7							.40 .1 .18 .14 .2 .17 T	8 .04 2 .10	.14
OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOD ROWLESBURG 1 SMODT SPRUCE KNOB	•67 •50 •48		•05	•02 T						•0	.17 .0	3 .12 0 .30 6 .20	
STONY RIVER OAM SUMMERSVILLE 3 NE THOMAS VALLEY BENO VALLEY HEAD	.39 .07 .30 .39		•08	•0 T	3						17 .00 .07 T .14 T .16 T	•16 •12	
WEBSTER SPRINGS 1 E SOUTHERN ALOERSON ATHENS CONCORD COLLEGE	.46 .08								TTT		.41 .0		
BLUEFIELD FAA AIRPORT BLUESTONE OAH GARY //	.09 .11 .02								T T	8	.08 .0 T .0	1 2 T	7

## DAILY PRECIPITATION

WEST VIRGINIA

	Ti di													Day	of M	lonth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		30	31
LEWISBURG 2 35W MATOAKA RINEVILLE PRINCETON RENICK 2 5	.0 .0	2	,																						Ť				7 7 7	.15 T .01 .05	.01	
UNION WHITE SULRHUR SRRINGS NORTHEASTERN	• 1 • 2	2																						Ť						•11 •07	.03 .15	
BERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE HARRERS FERRY HARRERS FERRY NAT MON	.9 .1 .0 .0	8 4 9		.40	.09	,			т																				.01 .18	•01 T	•04	•13
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL	.0 .0 .0	6 7 9		.07	.08	)			т																				,06 T ,11	.08		т
OMRS PETERSBURG RIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	•1 •1 •1 •1	7 7 0		т	.12				т																				,06 ,10	T	•03	

## EVAPORATION AND WIND

Station																Day	of m	onth															[d] _ 5
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NORTH CENTRAL				$\vdash$			1				$\vdash$		1					1									1				1		
CLARKSBURG 1	EVAP W1N0	.01	.08	.04 91	·10	·01	.05 26	.06 32	.03	.02	.10 22	.06 28	.03			.02	.05	.03	.03	.11	.07	20	.08	.02 25	.03	.07	.02	.08 26	.05 70	.04 118	.04 87	.07 37	1.57
SUTTON RESERVOIR	EVAP							.14 38	.14 36	·11	.14	.11 36	· 11	.15 53	.14	.11	.10 34	- 16 32	·12	·11	·12	.10			.08 26							.03 56	3.50 1195
SOUTHWESTERN																																	
HOGSETT GALLIPOLIS DAM	EVAP W1NO																														. 03 94		3.89
SOUTHERN																																	
8LUESTONE DAM	EVAP WINO MAX MIN		29 73	33 73	46 76	31 75	76	75	78	35 75	73	.09 20 70 48	70	38	25 69	26 68	67	12 28 65 39	.10 22 65 40	.08 28 66 40	.10 28 69 44	.12 26 65 45	.09 22 67 45	.07 30 66 44	.07 28 68 46	36 75	67	21 68	.09 27 68 50	.12 52 66 41	70 58	.10 54 54 35	970
NORTHEASTERN																						1		-									
WARDENSVILLE R M FARM	EVAP																															.13	3.91 1006

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED OURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

# SNOWFALL AND SNOW ON GROUND

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN																																-
PARKERSBURG WB CITY	SNOWFALL SN ON GNO																													Т		
SOUTHWESTERN																																
CHARLESTON WB AP	SNOWFALL SN ON GND WTR EQUIV										:																			T		
CENTRAL																																
BAYARD	SNOWFALL SN ON GND																														Ť	
ELKINS WB AIRPORT	SNOWFALL SN ON GND WTR EOUIV																													T	Т	
FLAT TOP	SNOWFALL SN ON GND																													T		
MC ROSS	SNOWFALL SN ON GND																													T		
SPRUCE KNOB	SNOWFALL SN ON GND																														2.0	
SOUTHERN																																
BLUEFIELO FAA AIRPORT	SNOWFALL SN ON GNO																													T,		
NORTHEASTERN																																
MATHIAS	SNOWFALL SN ON GNO																													T		

_	_									-	_	_				D-11			_				_								OCTO	Obl R	1963
Statlon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	18	lonth	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Avecag
NORTHWESTERN						1				1		1						1			1			1		-	1	1	-	1			*
8FNS RUN 1 55E	MAX	67	76 40	80	76	70	75 34	82	83 48	71	72	75 37	80	71	71 30	7 7 3 2	80	80	81	81	80	80 43	80	60 41	82	83	79 45	83	77	65 33	54	55 28	75.7
CAIRO 3 5	MAX	78 31	80	78	72	79	84	83	73 52	75 39	78	80 33	78 41	73	80 29	83 31	84	85	82 33	8.5	81	80	40 81	82	81	84	80 43	74	70	60	56	63	77.5
CRESTON 1 55W	MAX	75 32	78 32	80	80	73	80 38	85	85 38	80 38	75	77 31	76 30	74 26	81 28	84	31 85 30	36 83 30	82	36 84 35	86 35	81	39 81	84	84	45 85 40	84	84	68	31 69 30	26 55 23	25 56 23	78.5
MCUNOSVILLE	MAX	78 38	80	78 60	71	81	85	86	84 52	74 36	79	A1 36	71 43	72	80 27	82 28	83	85 37	84	85	83	38 81 42	36 82 39	82	86 45	82	85	40 85 50	65	61	54	58	78.2
NEW CUMBERLAND	MAX	78	82	79 57	75	79 35	88	88	84	74 38	78 36	81 39	76 42	72	77	82	84	85 42	95	85 38	84	81	02	83	85	83	85	86	66	58	55 29	52	78.5 40.9
NEW MARTINSVILLE	MAX M1N	79	80	77	73	81	85 36	84	74 50	74 40	79	80 38	74 51	75 36	81	83	84	85 39	86	86	83		84	85 44	87 50	82	86 47	79	68	67	57 33	57 30	78.6
PARKERSBURG FAA AP	MAX	75 38	77	75 53	70	78 43	82	84	71 52	72	75	82	72 53	71	77 35	80	80	81	82	82	79 52	79 52	81	80	82	80	82	74 59	65	53	56 31	61	75.4 44.8
PARKERSBURG WB CITY	MAX	78	79	74	70	77	84	84	71	71 41	76 40	80	71 52	71	79 35	81	82	83 42	81	83	62 52	78 49	02 48	e2 51	83	81	83	75 58	64	54	55 34	62	76.0 44.7
WETRTON	MAX M1N	78 42	81	73	72	82	86	87	81 52	74 39	79	80	72	73	79	83	85	87	85 46	84	84	82	83	82	85 52	82	86	85 56	67	53 38	55	55 35	78.1
WELLSBURG 3 NE	MAX	76	81	78 51	70	79 28	85 29	85	83	75 31	77	80	78 36	72	77 25	82 26	83	85 35	84	84	62 39	82	82	83	84	80	83	83	66	58 31	54 26	53	77.5
WHEELING WARWOOD DM 12	MAX	69	77	79 45	73	71 38	80 37	85 37	84	72	71	76 38	79 40	72 36	72	78 34	82	83	84	83		82	83	81	81	83	80	83	81	65	54	53	76.8 41.2
NORTH CENTRAL																																	
BENSON		77	79 37	78 52	74	80 32	80 32	80	79 40	73 32	77	82	79 38	73 29	80 27	84 30	83	81	85 35	84		81	83	83 38	87	84	80 45	72 50	61	52 25	59 22		77.2
8UCKHANNON 2 W	MAX	74	74 37	73 52	66	76 30	79	80	70 43	68	73	78 32	68	69	77	80 29	78 30	79 32	82 35	82	79 37	78 36	80	60 39	82	79	80	72	64	57	50	60	73.8
CLARKSBURG 1	MAX M1N	74	79 39	73	69	76 36	80	81	69	65	72	78	64	69	76 30	78 30	80	79 34	81	80	80	78 39	77	78 42	80	79	79 45	74 48	63	50 37	51 27	60	73.3
FAIRMONT	MAX	73	75 44	74 53	66	75 35	79 38	80	69	69	73	78 38	68	70	75 35	80	80	80	82 45	81	79 47	78 45	77	78 49	80	79	78 51	75 54	63	48	50	57 34	73.2
GASSAWAY	MAX MIN	75 39	76 43	75 49	70	76 40	80	80	72 46	70 42	74	81	71 47	71	76 34	79 36	79 36	80	83	83		81	83	81	83	82	81	76 46	68	65	54 27	65	75.8
GLENVILLE 2 NE	MAX MIN	67	77	78 45	77	71 33	80 32	83	83	72 33	73	76 32	82	73	73 27	80	83	81	81 31	84		81	82 35	83	84	84	02 43	83	72	68	51 25	55	76.9 35.0
GRAFTON 1 NE	MAX MIN	70	80	77 51	74	76 29	80	82	76 46	72	74	80	76 37	70	78 28	82 29	81	84	82	82	80	78 38	78	82	85	80	81	75 44	69	59 37	53	42	75.4 36.3
GRANTSVILLE 2 NW	MAX MIN	69	78 40	80	78	73 35	81 35	84	81	73 36	73	77 35	75 32	84	73 30	82	84	84 35	83	85	86	81	83	82	84	85	82	84	72	69	55 24	57	78.0 37.8
MANNINGTON 1 N	MAX MIN	75 32	78 34	76 54	70	78 27	82	82	71 42	71 29	75 27	81	73	72	78 25	81	82	82 31	83	83		81	80	82	84	82	81	77	67	57 33	53	59	76.1 34.3
MICOLEBOURNE 2 ESE	MAX M1N	73 36	79 39	75 51	71	77	83	83	75 41	73 34	76 32	80	72 42	72	80 29	81	82 31	82 36	83 37	84	81 39	80	81	82 40	84	81	63	76 51	65	56 32	51 28	59	76.1 37.6
MORGANTOWN FAA AIRPORT	MAX M1N	73	75 46	73 61	68	75 35	80	80	69	68 36	72 37	76 41	66	69	76 34	78 37	80	79	83 48	80	80 50	80	74	80 53	83 55	80	80 52	74 54	63	50 39	52	55 32	73.3
MORGANTOWN L AND D	MAX M1N	74	78 41	76 57	69	77	81	81	71 51	70 3.7	75 36	78 36	68	70	78 32	80	81	81	84	83		80	75	81	85 48	81	81	75 50	66 51	56 41	53	60	75.1 41.0
WESTON	MAX M1N	66	78 37	79 42	75	70 36	80 36	83	83 42	68	70 33	75 33	e0 36	70	70 31	78 31	80	81 34	80 36	82	85 40	80 42	80	82 40	82 41	84	82	82 46	75 51	67	52 30	53	75.9 37.5
SOUTHWESTERN																																	
CHARLESTON WE AP	MAX M1N	76 38	79 46	77 50	71	78 37	82 41	83		73 39	74 35	84	73 46	73	78 36	81	80	80 39	81 40	82		78 46	80	81 47	79 54	81	82 50	80 51	67	54 40	54 30	65 28	76.1 42.3
CHARLESTON 1		70	81	82 52	81	76 40	83	89	88	80	77	81	87 49	77	78 35	83	86 38	86	86 38	87		85 45	83	86 46	87 50	85	85	85	84	73 38	57 26	60	81.2
OUNLOW 5 F	MAX M1N	73	81 50	77 56	72	75 45	78 42	78	76 54	70 45	70	81	80 54	70	74	76 46	77	76 47	78 47	79	78 52	77	78 50	80 53	79 55	78 57	79 57	78 56	71 52	58 38	53	69	74.8
HAML1N	MAX	68	78 38	81	78	82	80 35	84	84	76 35	75 32		85 36	75	74 31	80	83	83	82 33	84	83	80	80	83	85	83	82	83 45	77	69	55 22	58	78.3 36.7
HOGSETT GALLIPOLIS OAM		67	75 38	77 47	75 43	71 43	78 39	82	82	71 40	73	75 40	80	72	70 34	77	78 39	80	80	81	82 42	78 43	78	80 45	80	81	80	82	68	65	54 27	55 26	75.1 40.8
HUNTINGTON FEO BLOG	MAX M1N	80	76 50	77 52	76 46	81	85 44	84	74 52	75 45	79	83	74 49	73	80	80 38	87	85 45	84	85 46	81 52	84 51	83	84 43	85 56	84	85 54	75 55	51	42	60	67 36	79.5
HUNTINGTON WB ALRPORT		76	79	79 58	74	78 41	83	84	73 55	76 44	75 38	83	73 54	1	76 33	80	80	81	80	81	79 45	79	81	82	84	82	82 52	79 52	68	56 42	58	68	76.8
LOGAN		67	79 43	80	80	76 44	82	86	86 45	83 45	77	80	86 39	76 40	79 36	82	84	84	83	84	85 41	80	83	82	83	84	77	81	81	72	56 27	60	79.3
LONOON LOCKS		61	73 46	72 49	72	66 45	74 45	77	77	73 46	68	76 42	77	68	69	73 39	76 43	77	77	78 45	79 46	75 48	79	75 47	75 51	78 52	76 50	75 52	76 54	65	49	52 31	72.2
MA0150N	MAX M1N	67	77	79 46	81	74	80	82	84	80	75	78 37	84	75 39	75 34	81 37	83	83	82 36	85	85 40	80	82	84	83	82	81 46	82	80	69 36	53 25	57 25	78.2
POINT PLEASANT 5 NNE	MAX MIN	77	80	78 59	74	80	84	84	80	74 35	76 33	82 36	79 49	72 36	78 29	82	82	82 36	83 35	83	81 48	80	82	82	82	82	83 47	77	67	59 37	57 25	64	77.6
RAVENSWOOD DAM 22	MAX M1N	77	79 40	79 53	77	82	84	83	83	76 36	79	80 35	81 51	75 30	82	84	86	83 38	85 37	85	85	85	83	82	83	83	84	82	74	63	58	63	79.5
	1	1		,,	157			[			1	,,	,	155	-,			- 3							. ,	1		,,	1	,,		-	

Station																Day	Of B	/lonth	1													OBER	
Station	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
RIPLEY	MAX		80 40	81 53	76 36	82 31	86 34	85 40	76 43	77 33	78 33	84 36	76 43	76 30	82 29	83 31	85 35	83 38	85 36	85 39	82 46	84 42	83 41	83 43	85 47	83 45	86 46	75 51	72 54	62 33	60 22		79.2 38.4
SPENCER	MAX	75 35	79 42	77 60	72 38	79 34	82 37	83 41	80 49	70 36	75 34	83 37	78 41	71 34	/9 31	81 35	81 34	80 35	80 38	83 40	80 40	78 42	82 41	80 47	82 57	80 46	82 45	75 50	72 50	58 47	56 25		76.6 40.2
WILLIAMSON	MAX	69 43	81 48	82 50	82 43	79 44	85 44	88	87 47	82 46	80 37	82 39	88 46	79 40	80 37	85 37	86 36	85 36	84 36	86 39	86 40	83 44	81	84 44	82 50	83	81 48	82 49	82 50	69 38	57 27	60 28	80.6
WINFIELO LOCKS	MAX	68	77 45	77 51	78 46	74 44	80 44	84 45	83 49	75 43	74 42	77 42	84 45	74 38	73 38	80 40	82	82 44	81 44	82 44	83 46	80 47	80	82 49	83 50	82 51	82 52	81 52	80 53	69 42	56 31	56 29	77.4
CENTRAL																																	
ARBOVALE 2	MAX MIN	68 27	74 30	71 42	66	74 25	80 27	81 32	71 36	67 29	69 29	79 25	71 39	71 24	73 23	7 8 25	75 26	76 26	78 31	78 33	78 34	74 32	70 32	65 51	76 46	77 36	78 40	74 36	63	52 32	44		71.3
BAYARO	MAX MIN	66	69 32	69 45	64	72 24	74 39	75 36	73 43	63 28	67 26	73 29	64 35	65	72 21	74 24	72 26	73 29	76 32	75 33	76 33	73 32	67	71 40	76 42	75 32	74 38	69 38	63	54 35	43 30		68.8
BECKLEY V A HOSPITAL	MAX MIN	70 32	74 36	73 47	65 36	74 33	76 35	77	75 38	68 33	69	77 33	70 45	69 30	70 32	77 31	76 30	75 31	78 32	79 38	76 37	70 38	73	70 52	77 54	77	77 43	77 42	64	56 34	50 29		71.7
BECKLEY W8 AP	MAX MIN	71	71	73 50	65	74 38	77 42	77	74 48	67 38	69	76 41	68	70 36	74 38	76 41	76 40	76 41	76 43	77	74 45	75 46	70	67 50	74 53	75 53	74 51	75 52	61	42 35	49 29	63	70.5
BIRCH RIVER 6 SSW	MAX MIN	72	74 31	74 39	76 36	74 31	78 29	74 35	69 51	68 29	69 28	79 25	70 36	69 21	76 22	78 24	78 21	77 30	80 23	81	79 25	77 30	79 27	76 48	80 48	78 38	78 38	77 36	64	55 26	56 26	55	73.2 31.6
BRANDONVILLE	MAX MIN	61	71 35	74 47	70	64 26	76 30	78	78 47	65 29	67 28	72 30	76 35	64	68 25	75 26	78 27	76 33	77 36	80	80 39	79 35	78 39	66 38	79 41	80	80 41	78 44	72	61	46 32	48	71.5
BUCKEYE	MAX	71	75 36	74 42	70 36	75 30	81 31	83	78 37	72 32	71 26	78 26	75 39	73 26	78 25	81 25	79	79 24	80 29	79 31	79 33	78 30	75 29	65 53	76 53	78	80	77 36	67	61	49	61	74.1 33.2
CANAAN VALLEY	MAX MIN	66	72 30	62	62	75 21	71 36	76 30	72 33	63	65 25	71 26	63	72	72 21	72 21	72	72 26	72 30	75 33	73 33	68	63	62	72 37	75	72 36	65 35	62	52 32	42 27	53	67.2
ELKINS WB AIRPORT	MAX MIN	72	74 34	71 48	63	74 32	79 32	80	72 40	67 35	71	78 30	66	68	75 27	78 29	75 28	74 29	80	80	77	77 33	75	77 38	80		77	66	62	45 35	47	60	71.5
FLAT TOP	MAX MIN	67	68	70 47	63	69 37	73 33	73	70 52	65 36	66	73 33	66	67	70 33	72 32	72	71 32	72 36	72	71 40	71	66	58 50	70 51	72 51	73	72 46	60	53 34	45 29	62	67.5
HOPEMONT	MAX MIN	71	68	65	60	66 35	70 37	66	67 36	69 39	64	70	66	62	70 34	70 36	72	71 35	74 41	77	73 41	70 36	75	77	75 39	77	75 37	74 32	70	66	48	48	68.6
MC ROSS	MAX MIN	72	74 34	73 41	69	75 30	80	80	80 36	70 33	72	80 25	75 41	74 28	78 28	80	79	80 27	80	81	77 35	78 34	73	66	77 53	78	78 41	75 39	62	58	49	63	73.7
OAK HILL	MAX	69	76 40	77	75 41	69	79 36	83	84	77 37	71	74 38	81	71	74 35	80 36	82	79 36	79 31	83	83 42	77	78		75 55	79	79 68	78 67	77	64	45	51	75.0
PARSONS 1 SE	MAX M1N	72	73 38	70 49	66	74 34	78 33	80	71 42	68	72 31	77 32	69	69	74 28	79 30	77	76 31	80 35	79	80 37	78 36	73	76 41	82	-	78 43	69	64	57 38	48	60	72.5 37.0
PICKENS 1	MAX MIN	70	69 37	68 45	62	72 30	75 35	76 3 9	71 41	65 30	70	75 33	65 38	66	73 31	75 33	74 33	74 32	78 35	77	75 38	75 37	75 36	73 47	77 40	76 40	74 44	73 43	60	53	44	57	69.9
RICHWOOD	MAX MIN	71 31	73 37	70 45	67	72	78 35	77	74 38	69	72	78 34	72 43	77	78 32	77 33	77	76 29	80	80	75 42	78 37	72	74	78 45	78	77	74 42	62	56 32	47	62	72.6
ROWLESBURG 1	MAX MIN	75 38	74 40	74 51	68	77 34	80 35	80	66 45	70 36	74	77	68	68	76 30	80 32	79	79 35	82 40	80	80 40	80 39	72	82 42	82 48	80	80	69	60	57	50	60	73.5 39.0
SPRUCE KNOB	MAX MIN	57	67	70 56	65	62	69	78 55	79 56	70 37	61	67	75 48	67	62	71 41	77	72 49	73 52	75 50	76 50	77 49	70	64	67 48	74 49	78 54	76 55	66	58 35	38	41	67.8 45.6
WEBSTER SPRINGS 1 E	MAX MIN	75 36	77	75	76	76 34	78 37	80	77 42	73 38	78	80 36	74 43	76	81 33	82 35	81	81 33	85 38	84	78 40	82 38	80	77	84	84	84 45	79	67	57 35	50	64	76.6
SOUTHERN	į	20	39	46	36	,,,	31	40	72	,,		20	4,	32	,,	"	33	,,,	,,	1	40	,,	3,	•			4,		31	,,	27	0	38.3
ATHENS CONCORD COLLEGE	*MAX MIN	2.	70	73		71	73 41	76	75 45	72 38	68	76 45	74 50	70	71	73	75	72	74	76	75 47	74	72	63	73 65	4.4	78	76 60	74	57	49		71.3
BLUEFIELO FAA AIRPORT	MAX	68 38	69 50	72 56	67	71 44	75 45	74 53	74 51	65	67	74 48	70 50	68	71 44	74 45	74 48	73 52	75 50	75 52	73 52	73 51	68	61	72 53		75 54	72 55	63	42 34	47 30		69.0 47.1
BLUESTONE DAM	MAX MIN	64	71 41	76 44	77	72 42	75 41	81	81	80	71	70 37	81	75	73 36	77 33	80	79 33	78 34	78	81	78 41	79	75	70 55	79	76 43	80	78	67	50 35	53	74.4 39.8
GARY	MAX MIN	65 36	77 36	76 42	78	74 37	80 39	81	80 41	80 42	75 33	76 34	81 36	75	75 34	79 32	82	80 31	79 32	81		77	80	78	76 44		78 42	77	77	67 35	50 24	53	75.8 37.0
LEWISBURG 2 S5W	MAX MIN	70	75	75	71	74	79 35	80	78 41	70 38	70	78	76	70	75	78 32	78	72 31	79 36	79 39	76	77 39	73	69	74 55			76 44	72 44	58 37	50 32	67	73.3
PINEVILLE	MAX	66	36 75 39	47 76 44	77	38 74 40	78 42	79	79	79 44	74 35	75	33 75 37	77	76 34	78	81	80 32	79 33	82		78 40	82 38		72 43	82		77 45	78 45	68	51 27	49	75.3 37.9
UNION	MAX MIN	65	71	72	75	72	74	78 35	80	80 35	69	71	79	76	70	78	79	79 29	78 32	79	80	79	78	66	64 54	74		77 41	79 43	70	46 32	51	73.1
WHITE SULPHUR SPRINGS	MAX	73	76	45 75		35 75	80	82	38 78	71			39 78	72	77	30 80	80	79	80	81	79	81	35 72 34	64	77		80	80	70		52	64	75.0
NORTHEASTERN	,	32	34	42	35	30	31	34	28	30	29	29	42	30	29	2.0	20	27	31	35	37	34	54	,,	58	31	44	-0	70	30	33	21	3341
BERKELEY SPRINGS	MAX MIN	75 41	80	75 50		73	83	88	75 50	69	72		69			79 28	81	81	82	83		81	64		78		82	80	74 68	57 43	51 37		74.6 38.7
FRANKLIN 2 NE	MAX	73	79	50 75	69	30 75	32 85	87	50 80 44	35 67 33	73 30	32 81	40 72	68	26 18	28 81	79 31	35 79	81		79	76		73	80	82	79.		61	55 42	50 35	65	38.7 74.2 36.6
HARPERS FERRY NAT MON	MAX MIN	77	82	81	81	30 74	83	88	88	71	75	80	78	73	76 34	81	81	82	84	79	83	82	82	81	79	78	75	82	85 80	79	62	65	78.9
KEARNEYSVILLE 1 NW	MAX	68	73	79	77	38 68	70	79	51 86	76	66	70	77	36 69	65	72	77	40 78	79	80	82	78	80	59	70	75	76	79	82	62	58	53	73.0
KEYSER	MAX	39 78	76	76	52 69	31	34	85	52 82	39 76	75			78	82		80	35 83		86	81			74	79	79		79				61	77.3
	MIN	39	39	57	44	29			51	34	32	32	46	29	30	31	36	39	42	40	41	39	41	52	44	41	45	45	52	34	34	34	39.7

## DAILY TEMPERATURES

Con		

Station																Day	O! M	fonth															
Station		1	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	
ARTINSBURG FAA AP	MAX		80	76 50	69	70 32	82 32	89	76 53	67	73 32	80 34	69	66	74 28	7.8 30	81 32	80 35		82	78 42	81 42	60 68		77	78 39	78 45	#2 46	66 45	5 7 4 3	5 3 36		73 39
ATHIA5	MAX MIN		76 36	75 47	67	73 27	80 31	87	78 46	66 32	70 28	7.8 3.1		66	/5 25	80 27	79 31	79 33	79 38	79 38	7.8 3.7	75 36	63		71 45	77 37		74	65	54 39		61 25	36
OREFIELD MCNEILL	MAX MIN		86	80 44	73	25	28	34	40	28	29	27	36	24	22	83 23	83 25	84 28	85 32		83 34	80 33	77		82 41	84 30	82 41	83 40	73 49	65 40			3 3
TERSBURG	MAX MIN		81 36	78 55	72 46		86 31	90	81 54		74 29	84 31	7 9 4 2	71 28		82 26	83	83 32		86 38			75 36		75 43	82 38	81 42	73 42	70 50		52 35	66 34	3
EDMONT	MAX MIN		76 43	78 54	70 49	70 32	75 34	87	85 52	68 36	70 36	74 38		70 32	68 32	76 36	78	81 46		84		83 47	80 52		76 49	79 47		82 48	7 g 50	68 44	50 36	5 1 3 2	
MNEY 3 NNE	MAX MIN		81 36	75 47	72	76 30	87 32	88	81 44	69 33	75 30	83 31		69		80 24	82 28	83 33	43 36	84 37	8 l 3 7	80 37	73 38		80 45	7 9 3 9	82 41	79 42	73 50	62 41	53 34	62 28	31
ROFNSVILLE R M FARM	MAX MIN		73	80	77	70	75 32	84	88		69	73 32	R] 39			78 28	80 31	82 34	81 38	82 38		80 36	79 38			79 37	80	90 44	79	54 44	58 37	53 35	3

# SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p. h		Relat	ive hum	idity ave	erages		Numl	er ol d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1,00 PM EST	7:00 PM EST	Trace	90'-10'	.10- 49	8099	1.00-199	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB ALRPORT	SSE	13	7.3	24++	NNW	29+	73	81	39	54	1	2	0	0	0	0	3	_	2.5
CHARLESTON WB AIRPORT	SW	10	3.7	17++	NW	28	81	93	37	48	2	3	0	0	0	0	5	-	3,2
ELKINS WB AIRPORT	NNW	9	4.5	23++	WNW	29	95	97	42	64	3	3	1	0	0	0	7	-	4.5
HUNTINGTON WB AIRPORT	NNW	7	3.8	17++	WSW	2	74	90	38	44	5	0	0	0	0	0	5	-	3.3
PARKERSBURG WB CITY	-	-	4.7	26	NW	29	-	-	-	-	2	4	1	0	0	0	7	83	-

		_											· · ·	_									1963
STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	T	IME	ANDLES	D	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	T	ME TABL	ANI		OBSERVER
ALBRIGHT ALOERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE	0102 0143 0249	PRESTON MONROE RANDOLPH POCAHONTAS NERCER	2 7 2 7 7 7	39 29 37 44 38 55 38 26 37 25	79 38 80 38 79 40 79 49 81 01	1219 1555 3020 2730	5P 3P	7A 7A 7A 8A 3P	ω.	× SP	MONONGAMELA POWER CO- RASSIE L. SIMS ONER S. SNITH MRS. NETTIE R. SHEETS CONCORO COLLEGE	MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC MECHEN DAM 13	5712 5739 5747	BERKELEY BERKELEY HAROY MERCER MARSHALL	9 9 9 7	39 24 39 28 38 52 37 25 39 59	77 59 76 00 78 52 81 15 80 44	537 535 1625 2580 655	HIO H	_	3	н	FEO. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON
BAYARO BECKLEY V A MOSPITAL BELIMGTOM BELLEVILLE DAM 20	0527 0580 0633	GRANT RALEIGH BARBOUR	9 7 10	39 16 37 47 39 02 39 09	79 22 81 11 79 56 81 45	2375 2330 1679	5P	7A 8A 7A 7A		н	HOWARD R. FULK V. A. HOSPITAL GEORGE R. HILLYARD CORPS OF ENGINEERS	MC ROSS  MIDDLEBOURNE 2 ESE MOOREFIELD 2 SSE	5871	GREENBRIER TYLER HARDY	4	37 59 37 59 39 29 39 02	80 45 80 52 78 58	2445 750 830	4P				CORPS OF ENGINEERS RUSSELL O. AMICK JOHN W. CRUMRINE
BELLY BELLY BELLY BENS RUN 1 SSE BENS RUN 1 SSE BERKELEY SPRINGS	0661 0679 0687	MICHOLAS HARRISON TYLER MORGAM	. 8	39 09 38 14 39 09 39 28 39 37	81 12 80 33 81 06 78 14	748 1080 644 640		7A 4P 8A 6P		н	RAYMONO E. PHILLIPS CLARKSBURG WATER BOARO ROBERT N. MALL H. M. RUPPENTHAL, III	MOOREFIELD MCNEILL MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM MT STORM	6168 6202 6212	HAROY	6	39 09 39 38 39 37	78 56 78 54 79 55 79 58 79 14	800	H10 H	6P 10 7A 8A		н	MRS. 2ELLA H. VETTER MRS. JOHN W. SAVILLE FEO. AVIATION AGENCY CORPS OF ENGINEERS MRS. EILEEN MINNICK
BLUEFIELD FAA AIRPORT BLUESTONE OAM BRAMCHLAND	0844 0921 0939	NICHOLAS MERCER SUMMERS LINCOLN	7	38 25 37 18 37 39 38 13	80 47 81 13 80 53 82 12	1885	90 HIO P	6P	8 A	н	SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY CORPS OF ENGINEERS	NAOMA NEW CUNBERLAND NEW MARTINSVILLE OAK MILL	6442	RALEIGH HANCOCK WETZEL FAYETTE	8	39 17 37 52 40 30 39 39 37 58	81 29 80 36 80 52 81 09	1210 750 637 1991	6P	6P 6P			VIRGIL G. WEBB WILLIAM B. MURRAY  OR. 2. W. ANKROM MILES H. MARTIN
BRAMOOMVILLE BRUSHY RUM BUCKEYE BUCKHANNON 2 W	1204	PRESTON PENOLETON PDC AHONTAS UPSHUR	2 9 7	39 40 38 50 38 11	79 37 79 15 80 08	1798 1375 2100	5P	8A 7A 7A 6P		н	BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE MISS ILEAM WALTON OR. ARTHUR B. GOULO	PARKERSBURG FAA ALRPORT PARKERSBURG WB CITY PARSONS 1 SE	6849 6859	MORGAN WOOD WOOD	8	39 30 39 21 39 16	78 17 81 26 81 34 79 40	950 837	M10 H			н	MRS. E. M. HOVERMALE U. S. WEATHER BUREAU U.S. WEATHER BUREAU FERNOW EXP. FOREST
BURNSVILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY	1282 1328 1363 1393	BRAXTON RICHIE WEBSTER TUCKER	5 5 4 2	38 52 39 10 38 22 39 03	80 40 81 10 80 36 79 26	770	6P	7A 7A 6A 6P		н	JOHN W. BROWN EUREKA PIPE LINE CO. MOWARO FLETCHER BEN F. THOMPSON	PETERSBURG PHILIPPI PICKENS 1 PIEOMONT	6982 6991 7004	GRANT BARBOUR RANDOLPH NINERAL	9 10 10 9	39 00 39 09 38 40 39 29	79 07 80 02 80 13 79 02	1013 1281 2695 1053	6P 7P	7A 7A 7A		н	MRS. BESS S. MOHL MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER, JR.
CENTRALIA 2 NN 1 CHARLESTON W8 AP CHARLESTON I CLARKSBURG 1 CLAY 1	1570 1575 1677	BRAXTOM KANAWHA KAMA WHA HARRISON CLAY	4 4 6 4	36 38 38 22 38 21 39 16 38 27	80 35 81 36 81 39 80 21 81 05	600	MIO P	9A		C HJ	JAMES W. LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY MRS. SARAH B. FRANKFORT	PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSHOOD DAM 22 RENICK 2 5	7112 7207 7352	WYOMING MASON MERCER JACKSON GREENBRIER	8	37 35 38 55 37 22 38 57 37 58	81 32 82 07 81 05 81 46 80 21	1280 610 2410 584 1900	4P	7A 5P 7A 7A 8A		н	JAMES G. MC OERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS MRS. MARY V. NC FERRIN
CLENDEMIN 1 SW CORTON CRESTON 1 SSW DAVIS ORY CREEK	1959 2054 2209	KAMAWHA KANAWHA WIRT TUCKER RALEIGH	4 4 5 2 4	38 29 38 29 38 56 39 08 37 52	81 22 81 16 81 17 79 28 81 28	615 640 648 3120 1264	7A	8A 7A 7A		с н с	KATHERINE M. RAGER HOPE NATURAL GAS CO. SEWARO R. LYNCH MRS. MARY L. OUMAS NRS. RUTH E. JARRELL	RICHWOOD RIPLEY ROMMEY 3 NNE ROWLESBURG 1 ST MARYS	7552 7730 7785	NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS	9	36 13 38 49 39 23 39 21 39 23	80 31 81 43 78 44 79 40 81 12	2300 610 640 1375 650	5P 5P 7P	6P 5P 5P 7A 5P		н	OAYTON C.WEBB CITY OF RIPLEY NISS FRANCES VANCE MRS. MAUDE C. BOLYAPD JOHN H. INGRAM
OUNLOW 5 E ELKIMS WB AIRPORT ELLENBORD FAIRMONT FLAT TOP	2718 2746 2920	WAYNE RANCOLPH RITCHIE MARION MERCER	10 5 6 7	38 02 38 53 39 16 39 28 37 35	82 20 79 51 81 04 80 08 81 07	805 1298		7A 410		СН	KELLY BROWNING U. S. WEATHER BUREAU MRSS RUBY L. GORRELL CITY FILTRATION PLANT FRED E. BOWLING	SMITHBURG SMITHVILLE		DODOR1DGE R1-TCH1E		39 17 39 04	80 44	795 840	! !		0		HOPE NATURAL GAS CO. HOPE NATURAL GAS CO.
FRANKLIN 2 ME FREEMAMSBURG GARY GASSAWAY GLEMVILLE 2 NE	3238 3353 3361	PENDLETON LEWIS NC OOWELL BRAXTOM GILMER		38 40. 39 06 37 22 38 40 38 57	79 19 80 31 81 33 80 46 80 49		8 A 6P	7A 8A 6P 8A		С С С	GEORGE O. HAMMER EOUITABLE GAS CO. JANES KISH W. VA. WAYTER SVC. CO. DICK W. BEALL	SPENCER SPRIMGFIELO 1 N SPRUCE KMOB STONY RIVER DAM SUMMERSVILLE 3 NE	8409 8433 8536	ROANE HANPSHIRE PENOLETON GRANT NICHOLAS	9 9	38 48 39 28 36 41 39 06 38 18	61 21 78 42 79 31 79 18 80 48	964 795 3050 3400 1850	8.8	8A 8A 8A 7A		н	W. VA. WATER SVC. CO. HARRY L. GRACE HARRY J. GORDON FRED C. BECKER CHARLES F. GUM
GRAFTON 1 NE GRANTSVILLE 2 MW GRIFFITHSVILLE HACKER VALLEY MALL	3648 3749 3798	TAYLOR CALHOUM LINCOLN WEBSTER BARBOUR	5 3 4	39 21 38 56 38 14 38 39 39 03	80 00 81 06 81 59 80 23 80 07	1230 730 950 1501 1375		5P 8A 7A		c	EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN O. MOORE MRS. LELA M. CARTER MRS.OPAL R. JACKSON	SUTION RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM	8782 8807 8924	BRAXTON PRESTON TUCKER MASON TAYLOR	4	38 39 39 27 39 09 38 41 39 19	80 41 79 33 79 30 81 50 80 02	835 2587 3010 630 1200		7A 7A	7A		CORPS OF ENGINEERS CHARLES E. TREMBLY NRS. MARGARET PERKINS NISS NORMA RUTH CASTO CORPS OF ENGINEERS
HAMLIM HARPERS FERRY HARPERS FERRY NAT MONMT MASTINGS HICO	3927 3932 3974	LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE	3 9 9 8 7	38 17 39 19 39 19 39 33 38 07	82 06 77 44 77 44 80 40 81 00	642 405 220 760 1970		8A 7A 5P 3P 7A			W. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILOREO E.CRIST	UNION VALLEY BEND VALLEY HEAD VANDALIA WARDENSVILLE R M FARM	9068 9086 9104	MONROE RANDOLPH RANDOLPH LEWIS HARDY	10 10 6	37 36 38 46 38 33 38 56 39 06	80 32 79 56 80 02 80 24 78 35	1975 2010 2425 1120 960		7A 7A 7A 6P 9A	9A		MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER CLARKSBURG WATER BOARD UMIVERSITY EXP. STA.
MOGSETT GALLIPOLIS OAM MOPEMONT MORMER MOULT LOCK IS HUMDREO	4264 4281 4309	MASON PRESTOM LEWIS MARION WETZEL		38 41 39 26 38 59 39 30 39 41	82 11 79 31 80 22 80 08 80 27	570 2490 1075 878 1034	5P	7A 7A 4P 2M	7A	c	CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS NFGRS. LT. + HT. CO.	WASHINGTON OAM 19 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON	9333 9345 9368	WOOD WEBSTER HANCOCK BROOKE LEWIS	8	39 15 38 29 40 24 40 18 39 02	81 42 80 24 80 36 80 35 80 28	600 1515 1040 668 1026	5P 6P 6P	7A 7A 6P 6P 7A		Н	CORPS OF ENGINEERS TMOMAS W. NOORE C. E. STETSON MISS OORIS J. PFISTER J. ARTHUR HENRY, JR.
# HUNTINGTON FED BLDG HUNTINGTON WB AIRPORT IAEGER IRELAMO JAME LEW	4393 4408 4478	CABELL CABELL HC DOWELL LEWIS LEWIS		38 25 38 22 37 28 38 49 39 06	82 27 82 33 81 49 80 28 80 25	828 1084	MID P			HJ	CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS. RUTH L. SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD	WHEELING WARWOOD OAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSOM WILLIAMSON 2	9554 9605	OHIO GREENBRIER CLAY NINGO MINGO	7 4	40 06 37 48 38 28 37 40 37 40	80 42 80 18 80 52 82 17 82 17	659 1914 1143 673 659	5P 8A	7A 7A 8A 8A 7A		Н	CORPS OF ENGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER MORFOLK + WESTERM RY. MRS. WILMA E. ROBERTS
KEARMEYSVILLE 1 MW KERWIT KEYSER	4816	JEFFERSOM MINGO MINERAL	. 1	39 23 37 50 39 26	77 53 82 24 78 59	550 620 930	-	8A 7A 5P			WB AGRICULTURE SER. OFF. ROY A. DEMPSEY POTOMAC STATE COLLEGE	WINFIELO LOCKS NEW STATIONS		PUTNAM		38 32	81 55		7A	-			CORPS OF EMGIMEERS
LEWISBURG 2 SSW LINOSIDE LIVERPOOL LOCKMEY LOGAN	5224  5284  5323  5341	MONONGALIA GREENBRIER MONROE JACKSON GILMER LOGAN	7 7 8 5	39 43 37 46 37 27 38 54 38 51 37 51	79 51 80 28 80 40 81 32 80 58 82 00	900 2185 2000 665 720 664		7A 5P		C H C C C C C	WEST PENN POWER CO.  RAGIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSHALL	BECKLEY WB AIRPORT MOUNDSVILLE SMOOT KOPPERSTON WEST UNION	6248 6295 4956	RALEIGH MARSHALL GREENBRIER WYOMING DOODRIDGE	8 4 3	37 47 39 54 37 52 37 45 39 18	BI 07 BO 45 BO 40 BI 34 80 47	2504 620 2540 1450 1000	6P	1D 5P 7A 6P 6P			U.S. WEATHER BUREAU MOUNOSVILLE SWG.TRIMT.PL JOHN P. JONES MOPE NAT.GAS CO. ERNEST F.SMITH
LONDON LOCKS MADISON MAMMIMGTON 1 N MAMMINGTON I W MARLINTON	5563 5621 5626	KANAWHA BOONE MARIOM MARION POCAHOMTAS	6	36 12 38 03 39 33 39 32 38 13	81 22 81 49 80 21 80 22 80 05	623 675 975 995	8A	7A 8A 6P 7A		н	CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST CECIL A. CURRY	CLOSEO STATION KUMBRABOW STATE FOREST	4971	RANDOLPH	10	38 35	80 05	3210	5P	5P		н	CLOSED 9-18-63

# 1-BIG SANDY, 2-CHEAT, 3-GUYANDOT, 4-KANAMMA, 5-LITTLE KANAMMA, 6-MONONGAHELA, 7-NEW, 8-OHIO, 9-POTOMAC, 10-TYGART, 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of Wost Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Bullding, West Virginia University, Morgantown, West Virginia 26506

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of (his bulletin.

Monthly and seasonni snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulietin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau typo pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatelegical standard normals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Scasonal Snowfall" Table Include snow and sloct. Entries of snow on ground Include snow, sloct and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times In local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J In the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES.

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

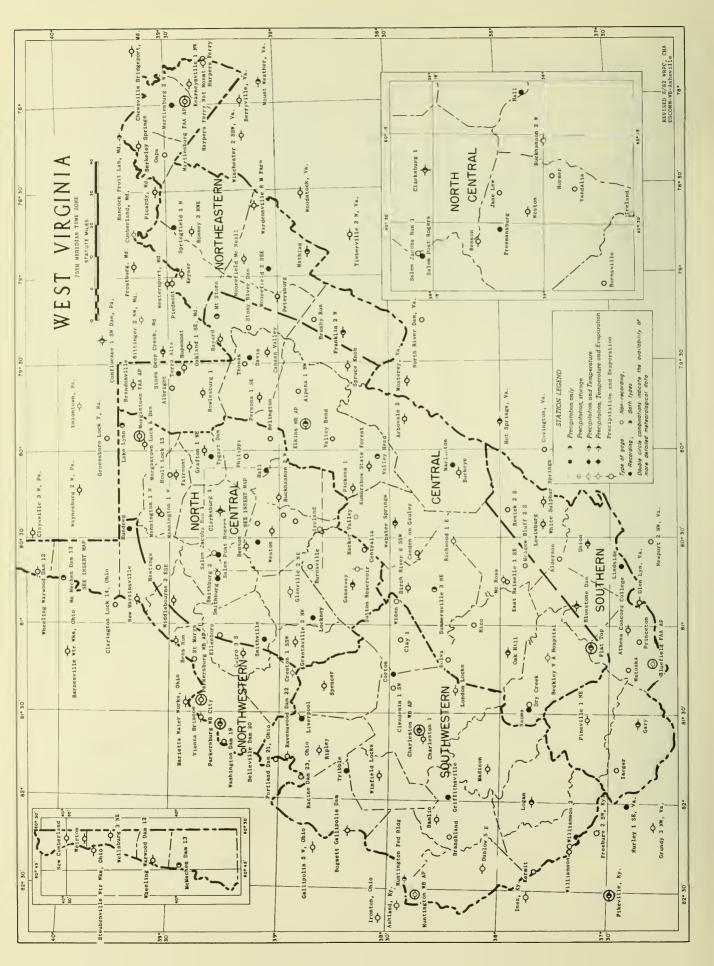
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column ia Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Priating Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 aaaual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 ceats.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-ASHEVILLE---1-13-64---725



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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

NOVEMBER 1963 Volume 71 No. 11



THE LIBRARY OF THE FEB 2 1 1954

#### WEST VIRGINIA - NOVEMBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 79° on the 18th at Benson

Lowest Temperature: 12° on the 25th at Arbovale 2

Greatest Total Precipitation: 9.33 inches at Pickens 1

Least Total Precipitation: 1.42 inches at Parkersburg WB City

Greatest One-Day Precipitation: 3.40 inches on the 7th at Harpers Ferry Nat Mon

Greatest Reported Total Snowfall: 14.3 inches at Camden on Gauley

Greatest Reported Depth of Snow on Ground: 8 inches on the 30th at 3 stations

#### SPECIAL WEATHER SUMMARY

November 1963 is the first month since last March that precipitation was above normal. Precipitation at most stations was in the form of rain. Soil moisture benefited considerably from these rains, but water shortages still persisted in some parts of the State. The first general snow over the entire State occurred on November 29, which was somewhat later than usual. Temperatures were in sharp contrast to those of November 1962 but, though higher than normal, did not reach record highs. At Parkersburg, there have been 9 warmer Novembers since 1886. The average temperature at Parkersburg

was 46.9° F., its 1962 November average was 43.8° F.; at Charleston's Kanawha airport, the average temperature was 46.2° F., its November 1962 average was 42.9° F.; and Elkins had 41.7° F., compared to 40.9° F. for November 1962.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

				Ten	nperat	lure							T			Proc	pitation					
										N	lo. of	Doy:					Sno	w, Sleet		Н	o. of 1	Days
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mo Ma		Min.	Total	Departure From Normal	Grecown Day	Dom	Total	Max, Depth on Ground	Dans	.10 or More	.50 or More	1.00 or More
NORTHWESTERN 01																						
BENS RUN 1 55E CAIRO 3 5 CRESTON 1 55W MOUNOSVILLE NEW CUMBERLAND	56.1 57.6 57.9 57.0 55.4	32.8 33.2 29.1 35.5 37.1	44.5 45.4 43.5 46.3 46.3	0.1 1.5 0.1 3.0	73 75 72	18 18 19 18 18	19 18 23	25 25+ 26+ 25+ 25	610 582 636 553 553	0 0 0 0	0		D 2.5 1.6 2.1	9 = .38 7 = 1.31	1.20 .60 1.08	30		2		5 4 4 4 4	2 2 1 1	0 1 0 1
NEW MARTIN5VILLE PARKERSBURG FAA AP PARKERSBURG W8 CITY R WEIRTON WELL5BURG 3 NE	57.3 55.5 55.9 55.1 55.0	37.6M 37.6 37.8 38.1 34.1	47.5M 46.6 46.9 46.6 44.6	3.3 2.1 2.4	71 70 71 71 71	17 18	25 24 26 22 16	25 25	514 545 539 544 604	00000	0	10 0 8 0 10 0 15 0	1.5	4 294	.99 .89 .72 .94	29 29 29	4.0 .3 2.0	0 2 T T	30	5 3 3 5 4	1 1 1 1 1 1	0 0 0 0
WHEFLING WARWOOD OM 12	55.3	36.4	45.9	2.8	71	19	24	26+	568	0	0	12 0			.84	30	. 4	0		6	1	0
OIVISION OI			45.8	2.1									1.9	970			1.3					
NORTH CENTRAL 02	55.3	30.0	42.6		72	19+	1.0	26+	665	0	0	21 0	5.4		1.35	30	6.0	5	30	10	4	1
8FLINGTON BENSON 8UCKHANNON 2 W CLARK58URG 1 FAIRMONT	57.9 54.3 53.4 53.2	29.9 33.2 34.2 32.9 36.8	45.6 44.3 43.2 45.0	2.5 1.3 1.4 1.3	79 70 68	18 17 17 18+	18 18 20	25 25 25 25	577 618 646 594	0000	0 1 0		3.6 4.4 3.1	2 .54 9 1.30 0 .51	1,36	29 29 29	4.5 1.0 4.0	2	30÷	6 5 7 6	3 2 1 3	1 2 1 1
GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N	56.6 56.9 54.7 58.0 55.2	34.7 31.6M 34.0 31.8 32.2	45.7 44.3M 44.4 44.9 43.7	- 0.9 0.8 1.4	73 75 72 75 75	18+ 19 18 19+ 17	19 16 19	25 25 25 25 25 25	573 616 608 597 631	0 0 0 0	0 0 0	16 0 12 0 19 0 17 0	3.4 2.1 2.4	.31	.70	30 29 30	2.7 1.0 4.0	3 1 4	30 30	7 8 4 6 6	2 3 2 1 3	1 0 1 0
MIODLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND D WESTON	55.9 53.2 55.3 56.4	33.8 37.2 35.6 32.9	44.9 45.2 45.5 44.7	- 0.1	72 70 70 73	17 17 18+ 18			599 584 579 605	0000	1	16 0 10 0 13 0	3.9	.50	1.07 1.63 .92 1.10	29 30	1.0 2.0 T 6.0	1 2 7 2	30	5 4 8 9	2 4 3 2	1 1 0 1
DIVISION 02			44.6	. 9									3.5	.57			2.8					
SOUTHWESTERN 03  CHARLESTON WE AP R		34.4	46.2	0.4	72	,,	22	25	558	0	0	12 0	3.1	9 .40	1.23	20	3.6		30	8	2	1
CHARLESTON WB AP R CHARLESTON 1 OUNIOW 5 E HAMLIN HOGSETT GALLIPOLIS OAM	55.9 59.3 55.8 58.8 55.7	36.4 32.8 38.6 31.2 34.4	46.1 47.2 45.0 45.1	0.4	75 73 75	18 18 23 23+	20 25 19	25 30+ 25 26	561 526 592 592	0000	0	16 0 9 0 20 0	3.3 4.0 3.4	.52	.82 1.50 .78	06 29 30	1.0 5.5 2.0	6 1	30 29	9 10 8 7	3 2 3 2	0 1 0 0
HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LONDON LOCK5 MAOI5ON	56.6 58.5 55.3 57.1	36.3 34.7 35.9 33.8	46.5 46.6 45.6 45.5		75 71	22 23 23+ 19			548 547 575 579	0000	0	11 0 15 0 12 0 14 0	5.0	2.29	.85 .99 1.07 1.02	29 06	2.8 2.0 .5 2.0	2 T 1 2	30	6 10 10 9	2 4 4 5	0 0 3 1
POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	57.8 58.8 58.9 56.9 M	35.6 36.0 34.4 36.0 M	46.7 47.4 46.7 46.5	2.2	72 74	22+ 17 18+ 18+	21 18	25 25+ 25 25	542 521 544 550	0 0 0	0	16 0 13 0 17 0 14 0	1.9	63 548	1.00 .56	30	.5 3.1	3	29	4 6 6 6 8	1 1 2 3	0 0 1 0 0
WILLIAMSON WINFIELO LOCK5	59.5 57.9	34.9 36.0	47.2 47.0	0.8	77 73	23 18	24 26	3 26+	528 532	0	0				1.30	29 30	.0	0 T		10	2	1
DIVI510N 03			46.4	1.1									3.3				2.1					
CENTRAL 04																						
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	49.5 51.4 53.2 51.4 54.8M	30.6 32.4 32.7 34.6	40.1 41.9 43.0 43.0	3.5 0.7	67 66 67 67 70	17 17 18+ 17 17	18 17 21	25 25 25 25 25 25	739 687 652 653	0 0 0 0	1	18 0 15 0 17 0 13 0	5.4 4.6 5.6	2.50	1.33	30 29 29	2.0 9.0 3.5 6.3	2 8 4 4	30	10 10 9 9	5 3 4 5 3	1 2 1 1
BRANDONVILLE BUCKEYE CANAAN VALLEY ELKIN5 WB AIRPORT FLAT TOP	52.2 54.2 47.6 52.4 48.2	32.2 30.2 30.4 31.0 30.6	42.2 42.2 39.0 41.7 39.4	0.2	69	19+ 18 17 18+ 17	15 15 16	25 13 25 25 25	677 677 773 692 759	0 0 0 0	3	17 0 22 0 16 0 21 0	4.8 5.9 4.7	6	1.90	30 07 29	2.0 14.0 4.9	1 8 4	30	9 11 9 8 9	4 5 4 3 5	2 0 2 2 1
HOPEMONT MC RO55 OAK HILL PARSONS 1 SE PICKENS 1	46.9 53.8 54.6 54.0 49.9	32.2 31.1 32.7 34.8 31.3	39.6 42.5 43.7 44.4 40.6		70 71 70	18+ 17 18+ 18+ 18+	19 21	4 25 26+ 25 25	757 670 633 612 727	0 0 0 0	1 2 0 0 3	18 0 17 0 15 0	7.4 5.7 5.3	9	1.80 1.90 1.36 1.27 2.09	29 29 07	8.0 10.0 3.5	7 4 2	30 30	4 11 9 9	1 6 5 4 6	1 3 2 2 3
RICHWOOO ROWLESBURG 1 SPRICE KNOB WE8STER SPRINGS 1 E	52.5M 54.4 51.2 55.1	32.8M 35.5 32.9 35.1	42.7M 45.0 42.1 45.1		68	17 18+ 1 18+	23 18	25 25* 30 25	663 592 683 591	0000	1 0 2 0	14 0 13 0	6.3	7	1.25 1.90 1.78	07	10.0 6.0 9.0 8.4	6 3 5	30 30+ 30	14 9 10	5 4 7	2 1 4
DIVISION 04			42.1	1.7									5.7	2.61			7.3					
SOUTHERN 05																						
ATHENS CONCORO COLLEGE BLUFFIELO FAA AIRPORT BLUESTONE DAM GARY //	54.1 51.4 55.8 57.0M	33.4 35.9 32.7 30.5M	43.8 43.7 44.3 43.8M	- 0.5	68 67 70 72	10 19	22 23	25 30 13 25	633 633 616 631		2 2 0 0	17 0	4.8	9	1.23 1.82 1.28 1.57	29	3.0 1.0 1	0 2 1 0	30	8 7 8	2 3	1 1 1

WEST VIRGINIA NOVEMBER 1963

				Tem	perot	ure										Preci	oltation					
										N	o. of Days						Sno	w, Sleet		Z	o. of	Days
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Wo or Above	Min 25 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-	Total	Departure From Normal	Greatest Day	Date	Tatel	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KOPRERSTON LEWISBURG 2 55W RINEVILLE UNITON WHITE SULPHUR SPRINGS DIVISION 05 NORTHEASTERN 06	54.4 53.8 56.2 55.4 55.2	34.6 33.3 31.7 31.7 32.3	44.5 43.6 44.0 43.6 43.8	1.7	68 72 69	22 18 23 19+ 17	20 21 18	25+ 25 26+ 25 25+	605 640 624 636 631	00000	0 15 1 16 0 20 0 18 1 17	0 0 0 0 0	6.02 3.73 5.78 3.80 4.12	1.58 1.53 2.21	1.97 1.40 1.43 .88	29 29 02	1.7 1.9 4.0	2	30 30 30	10 7 12 8 9	5 2 4 4 5	1 1 2 0 0
BERKELEY 5PRINGS FAANKLIN 2 NE HARRERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	57.3 56.1 60.2 57.0	36.2 33.6 38.3 37.8	46.8 44.9 49.3 47.4	2.5	72 77	18+ 18 18	18 27	25 25 14+ 25	540 597 464 517	0000	0 10 0 13 0 8 0 9	0000	5.64 4.76 7.73 6.00	3,35	2.73 1.91 3.40 3.10	07	,0 ,0	0000	1	4 7 8 7	3 4 3	2 2 2 1
MARTINSBURG FAA AP MATHIAS MODREFIELD MCNEILL OMPS PETFRSBURG	56.9 55.7 59.5 56.9 58.4	35.3 33.6 33.4 37.6 35.5	46.1 44.7 46.5 47.3 47.0	2.2	77 75	17 18+ 17 18 17		26	562 602 546 524 534	00000	0 10 0 14 0 14 0 9 0 13	00000	6.17 5.02 4.98 5.92 3.70	1.90	1.96 1.90 2.90 2.79 1.68	07 07 07	T .1 T	0	30	6 5 4 8 5	3 3 2 3	3 3 2 2 1
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	54.6 58.2 58.1	37.1 35.1 33.3	45.9 46.7 45.7	3.0 2.9	76	18 17 19	19	25 25 25+	567 542 571	000	0 11 0 12 0 16	000	4.26 4.21 5.29	2.10 3.14	1.40 2.25 2.77	07	2.2	1 0 0		6 6 7	3 2	1 1
DIVISION 06			46.5	2.8									5,31	3.07			• 2					

	т 7	_																												mER 3	1988
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of Mo	onth 15	16 11	7   18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN 01				-				.08		-		. · L	-		. 1			1	-	L			- 4-		L	. 1		1			
BELLEVILLE DAM 20 BENS RUN 1 55E CAIRD 3 5 CRESTON 1 55W	1.89 2.37 D 2.59 1.87	.08	.08			.02	.21	.05	T	т		.04		Ť	.03			.0	.04	.07	.02	. 05	.35	.15	.04	.02 .08	.02			.79 .40 .10	
ELLENBORO MC MECHEN DAM 13	2.81		.10	,,,,		.01	.03	.24	.01 .0s			.08			Ť				.01	1	.08		.10	. 2			.07		.40	.42	
MOUNDSVILLE NEW CUMBERLAND NEW MARTINSVILLE	2.12 2.03 2.34	.30	.02 T			.03	.0s	.23 .25	.02		.05	.02 .09	.02	T,		7		. C	5	.08	.02	,08	.30	T		.05	T		1.08	+04 +03 T	
PARKERSBURG FAA AP PARKERSBURG WB CITY R	1,54	.08	.01		7	.14	.01	T T			₹ •06			.01	T T		т	.0	5	.04			.36			.02	т	Т	.89	.02	
ST MARYS WASHINGTON DAM 19 WELRTON	1.65	.11	T	•01 T		T .01	.08 .18 .02	.03 .28	T .03 .01	T	T .01	.08 .13 .08	T .02	T	.01 T	.01		.9	3	T	.07		.44	.18		T T	.02 T		.23	1 . 53 T	
WELLSBURG 3 NE	1.84		.07	Ċ			. 05		.05		.01	108	.02		T	.01		• (	7		.04		.15	.18						.84	
NDRTH CENTRAL 02																					•		***								
BELINGTON BENSON BUCKHANNON 2 W	5.43 3.62 4.48	.40	.07	.02		.09	.49 .45	.83 .55 1.00	.09	.04		.04 .02		T T	.01	}		. 9		<b>b</b>	.02 .05		.66	. 26		.05	. 0 Z			• 09	
BURNSVILLE CENTRALIA 2 NNW CLARKSBURG 1	4,11 5,55 3,10	. 28	.03	.07		.35	.51	.82	•39		.03	. 02 T			Ţ	T		.1	+10	,	. 05		.10	.54		.02	.08	T	1.14	.78	
FAIRMONT GASSAWAY GLENVILLE	3.53	. 44	.05	.01	Ţ	.32	.25	.58 .46 .26	•03 •05	T	.04 T	.01		Ť	.01	т			0		.04		.52	.40	T	.D2 .02	.07	T	1.57	.22	
GRAFTON & NE GRANTSVILLE 2 NW	2.16	.07	.08	Ť		.07	.47	.30	•06 •01				T		.03				.11	,	.09		,20	.32		.05			1.40	.70	
HASTINGS HDRNER HDULT LDCK 15	3.18 4.30 3.45	.16	T .04			.34	. 27	.30 .98	.03			•03			T	T		. 0	.10	)	.13 .26		.64	.49		.07	T		1.65 .68	.30 .13	
IRELAND  JANE LEW LAKE LYNN	3.36 3.64	.35 .17	.05	.05		.59	.37	.73 .55	.10			T	.0					.(	.14		.03 .03		.63	.51		.03			1.80	.11	
MANNINGTON 1 N MANNINGTON 1 W MIDDLEBDURNE 2 ESE	3,28	.24 .18 .25	.01	.02		.06	.27	.61 .28	.08	.02		•01	T	T	T .02			.1	0	,03	.08		.58	.33		.04	• 0.5 T		.34	.05 .72	
MORGANTOWN FAA AIRPORT MORGANTOWN L AND D	3.92	.11		Ţ	Ť	7	.38	.90	•02	Ţ			т	T	Ť			• 0	.01	.02	. 05		.39	.32		T	T		1.63	.02	
PHILIPPI SUTTON RESERVDIR VANDALIA	4.64 4.75 5.23	.08 .26 .27	.16 .23	.10		.14	.49	.74 .87 .74	•54 •22 •06	.01		.07 T	Ì	T	.02	.01			•1: •1:	•	.02 .85		.18 .04 .50	.30		T .04	.02		.98 1.78	.92	
WESTON SOUTHWESTERN 03	4,29		.29	.04			.46	,49	.19			.04			.02	J			-1:	3	.07		.10	.3#			•09	.04	.82	1.10	
BRANCHLAND CHARLESTON WB AP R	3.60		.0a		т	.04	.61	.54 T	T				1	Ť	.01 T	1	T	. 1	-13	.11	.07		.16	. 25		·17			1.23	• 76 T	
CHARLESTON 1 CLAY 1 CLENDENIN 1 SW	3,32 4,21 3,76	.25 .17 .23	.25			т	.82 .51 .58	.21 .40 .22	•10 •03					T	† 02 †	Т		. 1	.24		.12 .05		.12	.01	.02	.11 .17 .05	.01		.70 1.00 .63	.69 1.00 1.03	
DUNLDW 5 E HAMLIN	4.02			т		.28 .0B	.34	.27	т					T	.05	•02		.1	.10		.04		.42	.1B		.18	•02		1.50	.08	
HOGSETT GALLIPOLIS DAM HUNTINGTON FED BLDG	2,42	-02	- 04	T -		T .	-31	- 29	-	-	•	<u>T</u>	-	-	.03	-02		01 -	:11	-	<u> </u>	•	-14	-20	-	.05	.01	-	.35	- 64	
HUNTINGTON WB AIRPORT KERMIT LOGAN	2.19 3.70 5.01	.43	.43		T	. 57 .01 .03	.17	.11	.01					T	.04 .03 .01	T	Ť	-1	.3	<b>b</b>	.09	.02	.06	.17		.10 .16 .21	.01		.82	,90 .92	
MADISON POINT PLEASANT 5 NNE	5.59 4.32	• 52	•47 •23			.06	1.07 .62	.73 .70	•11 •03			•02	т	Ţ	Ť	•02		.0	.10	)	.07 .05		.04 .16	.12		.05	* 1 to		.82		
RAVENSWDDD DAM 22 RIPLEY SPENCER	1.94 2.45 2.26 2.46	.17	*06 T	т	T	7 10	33 44 35	.08 .03	.01		T	•01 T		Ť	.04 .01	T	Ţ	т	.1	3	.05 1	.01	.20 .45	.12		.07	. 07		.28 1.00	.70 T	
WAYNE 2 WIDEN	5,26	.10	.20			.50	,69	.12	. 24							т		. 1	.13		.13		.10	.42		.04	.07		1.16	1.22	
WILLIAMSON 2 WINFIELD LOCKS	4.48	.44	.40			.0B .04 T	.30 .35	.20 .20	.03						Ť				.1	. 24	.08 .08		.10	.24		.19	.01		1.19	. 84 . 96 . 89	
CENTRAL 04	5,05	.27	.07	.10			. 45	.78	.73	.19		.06				.01			.01	3	.08	т	.09	. 23					.B2	1.12	
ARBOVALE 2 BAYARD	6.08 4.55 5.40	.18 .16	.39 .18	.05 .10			.40	1.00 .54 1.13	1.73 .12 .98	.06		.04		Ť	.10				.0	2	.15 .02		.13	.40 .59		Ť	• 0 l		.40 .61 .33	1.02	
BECKLEY WE AP BELVA	5.60 3.43	.93	.04		т	.52	.66	.34	т					T	.01	т		.1	. 2	.01	.02		.07	.38	7	.10	.08 T		2.03 1.32		
BIRCH RIVER 6 35W BRANDONVILLE BUCKEYE	4.52	.69 .17	.10	.16		т		2,30	•17 •71 •18	,33		т	- 1	.10	Ţ				.0:	3	.16 7 .04	т	.71 .05	.33		7	1 .19		1.01	- 16	
CAMOEN ON GAULEY CANAAN VALLEY	7.19 5.94 5.97	,35	.76	.14		т	.80	.77	1.19	.08		.04	.01	т	.01 .03 .03	. 03 T		.1	2 -1	,	.01	.05	.18	.48		т.	•17		.55	1.51	
ORY CREEK ELKINS WB AIRPORT FLAT TOP	5.97 4.78 6.18	.56	.03			.04 .40 .59	.48 .44	.61 1.25	.28		.05		т	.01	03 T	01 T		.1		Ţ	.03		.11 .31 .58	.33 T		.11	.0s		1.49	.14	
HACKER VALLEY HICD HDPEMONT	7.74 5.11 2.63	,33	.69 .54	.10			.61 .66	1.46 .48 1.80	1.23 .34 .35					.07	.04	. 03			• 1		.03		.12	.54		, 05	.08		1.09 1 1.13 .15	. 87	
MC ROSS MT STORM	7.48	.76 T	.12	.06		.22	1.19	1.17	.62	.03		.01		Ť	Ť	т			.0	3	.01		.58	.02		,30			.66	.96	
PARSONS 1 SE PICKENS 1	5.79 5.39 9.33	,49	.23	.07 .01		0.0	.64 .54	1.27 1.51	.31 .55 1.8B .34	.06	.01	.03	1	.01	T T	.03	*01 T	• (	.35	3	.01 .01	т	.06	.35 T		.08 .01 T	.09 T	, 02 T	1.24	.30 2.09	
RICHWOOD ROWLESBURG 1 SMDDT	6.61		.35				.55	1.10	.90	. 20		.10		Ť	23 T				.1	7	.12		.12	. 35		,54	.12		.75	1.83	
SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE 3 NE	5.57 D 5.64	.08	.33 D .10	.20		*07	.22	1.74	.60 1.27 .76	.16					.02				.1	}	.05		.11	. 28		1	.19		.85 .70	- 00	
VALLEY BEND	3,32	,27	.37	.05			.30	1.17	1.40	.10		• 06		.02	.03	Ť			.2	3	.03	T	.10	.35			.01		.35	1.44	
WEBSTER SPRINGS 1 E	8,40	.31	.33	.05			.61	1.42	1.7B	.03					Ť	, 01			.1	3	.05	,06	.16	.30		.02	.08		1.05	1.30	
ALDERSON ATHENS CONCORD COLLEGE	3.37 4.35 4.87	.10	.43			.04	.75	.15							Ţ					.01			.15	. 37	Т	.23	.11		.80 1,23	. 39	
BLUEFIELD FAA AIRPORT BLUESTONE DAM	4.81	.68 .87 .04	.05			.43 T	.35	.43	•02				1	T	02 T			.(	.3	.02	T		.05	.30		.24 .23 .18	.03	T	1.82	.09 .62	
	1																										1				

# DAILY PRECIPITATION

Continued									JAIL	ıΥ	Pr	(E(		711	A	110	Oľ	N												V1 RG		
<b>2</b>	[e]												Day	of M	onth					_												
Station	Total	1	2	3	4	5	6	7	8 9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARY // IAEGER KOPPERSTON LEW13BURG 2 35W MATOAKA	4.55 5.91 6.02 3.73 4.09	.16	.19			.01 .01	.60	.08 .83 .02	,06 .01 .12				T T	T .07 T T	.04			.10	.33 .24 .01	Ť	.05 .02	.02	.18 .73 .46	.70		.11 .57 .24 .12	.07 .13 .01 T		1.57 1.55 1.97 1.40	.42 .77 .19 .19		
PINEVILLE PRINCETON RENICK 2 5 UNION WHITE SULPHUR SPRINGS	5.78 4.16 4.73 3.80 4.12	.20	.88	T •24	Į	T • 02	.67 .57 .81 .64	.53 .38 .15	.13 .05 .06				т	.02	† <sup>01</sup>				.14 .03 .10 .02		.04 T .01	* <sup>07</sup>	.10 T .16 .03	.47 .32 .55 .43		.22 .13 T .23	.12 .09 .15 .07	† <sup>01</sup>	1.45 1.00 1.02 .68 .50	.78 .47 .76 .52 .78		
NORTHEASTERN 06 BERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MON	5.64 4.55 4.76 5.30 7.73	.04 .01 .34	.25	Ť			.25 .21 .24	2.73 1.98 1.91 2.43 3.40	.24 .22 .06 .12		•0	2							T T		,01 T	Ť	.26 .02 .02 .02	.22 .40 .06					1.92	.98 1.05 1.54		
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL	6.17 5.02 4.98	.21	02		•	.15	1.72	1.96 1.90 2.90	7 -	7	7	•	-	•	-		•	Ŧ	- 05	Ţ	.02 T	.05	.33	.53	•	.04	-	•	1.68 1.45 1.10	.02		
OMPS PETERSBURG PIEOMONT ROMNEY 3 NNE WAROENSVILLE R M FARM	5.92 3.70 4.26 4.21 5.29	.25	T .10	.01			.20 .30	2.79 1.68 1.40 2.25 2.77	.24 .35 .0	1	.0	2									.05 .02 .02 .01	.02	.03 .09 .08	.09				7	.75	1.50 .63 1.10 .85		

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Station		1	2	3	4	3	8	7	8	9	10	11	12	13	14	15 I	OI Mo	17	18	19	20	21	22	23	24	25	28	27	28	29	30 31	Averag
NORTHWESTERN 01		1																														
BENS RUN 1 SSE	MAX M1N	60	53 32	43	52 24	56 29	59 49	60 52	55 47	53	63	67 31	58 27	48	41 25	41	51 26	55 31	71 38	70 38	59 28	65 31	70 43	69	58	46	50 22	53	55 33	58 38	44	56.1 32.8
CAIRO 3 S	MAX	61	49	52	56	57 43	62	58	55	64	68	60	51	43	40 30	52	55	72 29	73 42	61	67	69	70	60	50	52 19	54 28	50	5 e 3 2	58	42	57.6
CRESTON 1 SSW	MAX MIN	67	55 25	55	54	59	55 42	60	56 47	56 27	65	69	64	53	42	40	52	55 26	74 26	75	60	65	67	55	48	53	52 18	56 34	60	60	56 34	57.9 29.1
MOUNOSVILLE	MAX M1N	59	47	53	59 23	58 39	59	58 50	52 47	63	66	58 36	52	46 29	42	51	54 25	71 36	72	61	65	71	68	67	47	48 23	53	58	57	56 33	40 28	57.0 35.5
NEW CUMBERLAND	MAX M1N	54	45	53	59	55	58	57	50	64	63	55 37	48	40	44	51 38	53	69	70 53	58 35	63	69	67	65	43	46 21	56 27	61	58 34	53	36	55.4 37.1
NEW MARTINSVILLE	MAX MIN	58 45	47	55	59 25	58	59 52	57 51	53 47	66	68	60	48	42	41	51 32	53	71	71 52	62	64	71 51	68	66	51	52 25	52	57	59	50	49	57.3
PARKERSBURG FAA AP	MAX	61	42	51 29	53	58 48	59 53	55	55	65	65 32	58	49	39 27	40	51 35	53	70 46	68	60	64	68	68	66	46	50 24	54	57	55 34	48	36 28	55.5 37.6
PARKERSBURG WB CITY	MAX MIN	62	45 31	51	54	58 48	59 53	56 50	56	64	66	57 33	48	39	41 33	51 35	53	71	69 48	59 40	65	67 57	70 51	67 37	45	5 2 2 6	55 38	57	56 34	48	37	55.9 37.8
WEIRTON	MAX	55	44	53	53	55 45	57	55 47	48	63	67	56 37	45	38	46	50 36	53	69	71 52	60	63	70 53	65	65	45	45 22	55	60	58 39	54 32	35 27	55.1
WELLSBURG 3 NE	MAX	55	45	50 28	57	56 41	59	57	51	61	63	55 32	48	41 30	43	49	53	69	71	57	64	68	67	65	43	44	54	58	58 28	55	35 28	55.0
	n.n		•															_														
WHEELING WARWOOD DM 12	MAX M1N	54 43	53 32	45 32	52 28	58 31	58 48	58 51	53 47	50 42	64	66 37	56 38	45	3 8 3 2	43	51 32	53 35	69 52	71 37	59 31	63 33	69	67 49	58 31	43	48	54 35	58 35	57 35	45 29	55.3
NORTH CENTRAL 02	,		,,,			-																										
BELINGTON	MAX MIN	61	52 27	36 29	48 22	59 22	56 42	56 42	50 42	46 41	61	67 29	60	48	41	36 31	44	57 25	72 31	72 44	59 26	64	67 41	69	61	45 18	55 18	50 34	56 28	63 28	48	55.3
BENSON	MAX MIN	58 48	49	49	55	54	58	56 48	50	62	66	66	56 26	46	45	47	53	73 30	79 43	69	66	68	70	67	55	50 18	52 23	56 33	60	59 32	42	57.9
BUCKHANNON 2 W	MAX M1M	60	42	47	53	56 40	57	53	48	60	64	58 35	48	39 25	35 31	45	54	70 34	69	58 41	67	66	67	65 48	48	52 18	50	55	60	50	32 25	54.3
CLARKSBURG 1	MAX M1M	59	40	48	55 21	57 42	57	53	50 45	60	63	56 29	46	38	40	47 25	52 25	68	59 41	52 31	65 28	66	67	65 38	43	49	51 27	56 32	57	49	33	53.4
FAIRMONT	MAX M1M	55	42	50	55	56 45	55 50	50	47	60	62	56 38	44	38	37	47	51 35	70 46	70	58 38	64	68 55	66	60	44	47	50	55	57	48	33 25	53.2
GASSAWAY	MAX	57 42	45	50 25	55 25	55	58	55	52	62	68	60	50 25	41 25	39 32	51 34	55 24	73 29	73	58	67	66	71	67 50	52	55	53	58	62	55 32	34	56.6
GLENVILLE	MAX M1N	64	55 27	41	51	55 35	54	59	59 42	52	62	67	61	50	42	41	53	57	73	75	61	62	71 42	70	62	48	51 28	54 36	58	62	38	56.9
GRAFTON 1 NE	MAX	53 32	42	47 28	56 20	51	55 46	50 47	56 43	62	60	59 38	50 37	47	40	40 29	50 23	70 40	72 41	69 38	68	69	69	64	51 24	50	50 25	52 35	59 28	46	34	54.7
GRANTSVILLE 2 NW	MAX	64	53	45	53	56 28	55 i	61	55 46	55 31	65 30	69	61	52 20	41	40	54 23	55 29	75 31	75 41	64 30	66 33	70 43	70 45	58 32	47 19	55 26	61	59 38	60	45	58.0
MANNINGTON 1 N	MAX	59	45	50 24	56 18	57	57	57	48 45	63	66 27	57 29	46	44	39 32	47 34	53	72	71	59 37	64	68	68	63	49	47 17	51 25	54 32	57	56 33	34	55.2
MIODLEBOURNE 2 ESE	MAX	59 45	46	52 22	56 23	57 42	59 51	57 50	51 46	64	67 29	57 35	54	40	40	51 33	54 25	72 31	70 49	60	64	69	67	66	45	50	52 28	56 34	56 32	50 32	35 28	55.9
MORGANTOWN FAA AIRPORT		57	39	49	55		55		48	60	66		44	37	38	44	53	70 50	69	58	65 34	66 53	67	64	43	45	50	53	57		32	53.2
MORGANTOWN L AND D	MAX MIN	1	45 27		57 26		57	56 49	51 46	61	65	59 36	46	42 28	40	46	53	70 39	70	58 38		69	69	65 45	46 29	47		57	59	49	36	55.3
WESTON	MAX M1N		56 32		50	56 26	57		52	49 36	64	70 31	60 29	48	42 26	38	49		73 35	70 45	60	68	68	69	- 1	46		52	59	62	49	56.4
SOUTHWESTERN 03																																
CHARLESTON WB AP	MAX MIN		44		57 26		56 51	56 49		60 32			49	39 31	3 9 3 3	50 30		70 34	71 48	57 36	63 31	65 51		69 37	44	56 23	54 41	60		52 32		55.9 36.4
CHARLESTON 1	MAX MIN	68	52 32	47	57	62	53	57		60	66	72 33	63	54	43	43	55	57 29	75	73		68	70		59	49		55	61	63	44	59.3
OUNLOW 5 E	MAX M1M		45 30	45 38	57		55 44		55 41	60 38		62 41		45	38 29	49 34		68 45	73 54		56 39	65 51			47 31		53 39			5 8 3 0		55.8 38.6
HAMLIN	MAX MIN	68	52 27	47	55	60	53 45	58 52	59 45	60	66 27	70	62	53	43 28	44	54	60	74	74	61	68	67	75	59 29	48		55	62	58 42	43	58.8
HOGSETT GALLIPOLIS DAM		62	58 35	45	52		54	54	56	57 31	61	65	60	51		39	50	53 36	69	68	57 34	64	63	69	59	44		51	57		44	55.7
HUNTINGTON FED BLOG	MAX M1N																															
HUNTINGTON WB AIRPORT	MAX		48 33			53 44	58 52		60 41			61 35	50 33		40 31	51 36		72 47	72 49			65 55		66 35	43		53 34			49 31		56.6 36.3
LOGAN	MAX MIN	68	52 31	47	55	62	53 46	57	56 47	61	63	70	64	54	40	40	54	57 31	72	74 42	59	65 36	67	75 44	60	49	58 26	51 41		63	48	58.5
LONDON LDCKS	MAX	1	60	40	47		52	55	53	55	61	66	57	1	39	46	49	54		71	51 36	61	66	71	57 35	45 28	55	49	57	59 41	48	55.3
	1.	1			1			1			1							•					1			1			1			1

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Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	Day 15	0f M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MACISON	MAX MIN	68 29	52 34	45 24	53	59 30	53	56 51	56 46	59 32	62 31	68	61 25	53	40 28	43	52 25	56 30	70 41	74 42	58 35	67 35	66	73 43	56 33	43	51 23	55 41	58 38	60	46 30		57.1 33.8
POINT PLEASANT 5 NNE	MAX MIN	64	50	54	56	58	58	60	58	65	68	61	54 31	45 26	42	53 38	55 28	71 33	70	60	65 32	66	71	68	45 25	52 20	56 30	60	57 32	55 32	37		57.8 35.6
RAVENSWOOD OAM 22	MAX	63	51 34	53	57	57	60	62	59	65	69	66	59 29	50	42	53 41	54	72	71 56	61	66	66	70	71 50	50	53	54 32	60	59 33	55 33	37		58.8 36.0
RIPLEY	MAX	61 45	49	56 22	58 25	55	59	58 51	5 8 4 5	65	70	62	60	52	42	55 38	55	74	74 50	61	66	68	71 42	67	50	55 18	55	61	57 36	56 32	37 28		58.9
SPENCER	MAX	61	48	51	57	55 45	57 50	56 49	56 44	63	68	62	55 35	46	38	52	54 26	72	72 59	60	64	66	70	68 45	46	52 21	53 35	59 34	57	54	34		56.9
WAYNE 2	MAX MIN																																
WILLIAMSON	MAX MIN	71 32	53 31	48 24	55 28	62 30	57 47	58 52	56 46	62 35	64	71 33	63 29	54 29	40 27	40 32	55 25	61	73 34	74 42	63 35	67	71 44	77 46	58 34	50 27	62 25	5 1 42	61 42	62	45 31		59.5 34.9
WINFIELO LOCKS	MAX MIN	65	57 34	47 29	54 30	58 32	56 50	58 53	60 46	60 35	65 35	68 35	61 34	50 29	40 29	40	52 29	58 29	73 36	71 42	61 36	67	66 46	71 46	58 32	49 26	56 26	55 39	60	56 43	46 32		57.9 36.0
CENTRAL 04																																	
ARBOVALE 2	MAX MIN	50 39	39 28	41 28	40 15	41 32	51 43	49	46 39	58 41	65 25	53 34	45 32	40 25	34 25	42 27	57 19	67 25	66	60 39	54 21	60 41	60 35	56 50	50 25	48 12	37 24	59 36	49 35	37 27	30 20		49.5
8AYARO	MAX MIN	57 41	42 29	39 29	52 21	55 35	51 45	49 45	46	51 40	64	55 35	47 29	37 25	37 26	39 31	56 35	66 35	65 40	61 42	55 21	60 41	65 37	60 47	48 28	44 18	49	53 34	61 23	46 30	31 20		51.4 32.4
BECKLEY V A HOSPITAL	MAX M1N	60 38	39 29	47 25	56 21	55 48	53 47	52 45	53 40	60 27	66	56 32	48 29	40	32 28	45	54 19	67 28	67 42	55 39	57 28	59 44	66 40	62 47	48 27	52 17	47 34	55 44	61 34	54 27	29 23		53.2 32.7
BECKLEY WB AP	MAX MIN	58 32	35 28	46 28	55 27	53 40	52 49	50 44	52 38	58 33	65 36	54 38	47 28	35 24	33 27	44	53 27	67 43	66 48	51 35	54 41	58 48	65 50	61 34	42 26	49 21	48 35	54 39	58 42	52 26	27 23		51.4
BIRCH RIVER 6 SSW	MAX MIN	62	42 27	60	64	56	55	54	48	60	65	58 35	48	38	3 8 3 2	46	53	70 22	35	36	61 24	61 48	64 46	63 45	47 27	57 12	48 28	54 32	61 24	47 27	22		54.8
BRANCONVILLE	MAX MIN	56 39	52 29	39 29	45 22	55 27	56 43	54 48	49 43	45 39	55 28	64 35	54 29	43 25	37 29	36 31	42 30	54 36	68 48	68	53 23	60 33	65 39	66 42	59 28	39 17	47 22	48 35	51 26	59 32	46 22		52.2 32.2
BUCKEYE	MAX MIN	60 42	44	45 30	49 17	49 31	53 44	53 47	50 42	64 31	66	65 26	50 26	44	3 6 2 6	45 32	58 16	67 24	69 30	65 31	57 21	60	62 37	62 52	54 28	51 24	47 22	60 37	58 28	49 31	34 24		54.2 30.2
CANAAN VALLEY	MAX MIN	50 35	35 25	34 25	52 18	53 36	50 44	45 42	42 37	52 36	62	52 33	42 28	32 23	26 21	35 27	52 30	64 43	60 39	55 39	55 21	57 42	62 36	55 42	42 23	45 15	42 28	47 38	56 20	50 24	24 16		47.6 30.4
ELKINS WB AIRPORT	MAX MIN	58 37	37 30	45 25	51 21	55 39	54 46	50 45	46 40	58 32	64 27	54 29	45 31	38 27	35 30	44 23	55 22	70 32	70 41	55 29	61 26	63 48	64 40	62 35	41 21	54 16	49 29	54 30	60	50 28	29 23		52.4 31.0
FLAT TOP	MAX MIN	50 33	33 25	43 24	55 22	49 25	50 41	45 44	48 37	55 37	63	52 31	43 28	32 23	30 22	40 25	52 25	65 31	63 40	50 40	50 32	57 38	61 39	55 40	40 25	40 19	48 26	51 35	54 37	48 23	23 20		48.2
HOPEMONT	MAX MIN	44 25	45 28	48	44	49 36	51 40	50	52 40	48 35	42 32	38 34	36 30	3 4 25	31 27	42 30	38 32	65 34	65 48	61 36	50 30	52 31	49 32	46 29	48 31	52 28	49 30	48 34	50 38	42 30	38 28		46.9
MC ROSS	MAX MIN	56 38	43 27	46 27	54 21	51 39	54 45	52 44	48 39	58 31	68 26	64 34	54 26	45	32 27	46 30	55 18	70 26	68 34	65 37	57 27	60 43	64 36	60 46	48 26	50 16	45 30	60 39	56 32	55 27	30 23		53.8 31.1
OAK HILL	MAX M1N	66 27	49 32	38 30	49 25	55 27	53 44	54 47	50 37	53 33	61	71 32	5 7 3 2	50 28	37 26	37 26	48 24	58 28	71 34	70 38	54 34	57 44	62 46	67 49	58 29	44	53 19	48 37	60 35	62 42	46 26		54.6 32.7
PARSONS 1 SE	MAX	57 43	45 30	45 32	55 23	57 39	52 47	53 48	49 42	57 43	61	55 37	48 27	42 26	35 29	43 34	55 33	70 31	70 39	59 43	61 28	65 48	67 41	64 50	50 31	51 21	45 27	55 35	61	5 9 3 2	33 23		54.0 34.8
PICKENS 1	MAX MIN	57 37	37 26	40 28	48	51 36	52 46	50 43	43 37	55 37	55 30	53 33	42 26	32 24	30 26	40 28	53 21	66 32	66 38	55 34	59 25	58 46	63 41	60 43	43 23	55 17	45 30	50 37	60 28	52 26	28 20		49.9
RICHWOOD	MAX M1N	59 39	40 29	44	52 23	51 39	56 45	53 45	46 39	58 34	66 28	54 35	49 25	41	38 28	42 30	55 20	69 31	68 38	59 42	58 30	58 46		61 48	48 33	53 19	49 33	55 38	59 30	53 29	29 25		52.5 32.8
ROWLESBURG 1	MAX MIN	55 44	45 30	48 32	55 23	57 40	54 48	52 48	49 43	58 41	66 32	57 36	45 30	40 27	3 8 3 2	44 34	54 26	71 36	71 42	63 44	64 30	67 46	68 43	65 50	51 32	52 23	44 29	55 35	62 33	48 32	34 25		54.4 35.5
SPRUCE KNOB	MAX MIN	68 38	49 26	34 25	41 28	52 38	52 43	48 42	46 39	65 35	64	60 32	56 30	39 26	32 23	32 25	40 30	56 36	66 38	64 40	56 34	53 38	59 41	58 50	57 25	39 20	46 22	48 38	57 34		48 18		51.2 32.9
WEBSTER SPRINGS 1 E	MAX MIN	61 43	43 33	49 33	55 25	56 40	54 47	54 48	48 42	64 35	67 31	56 33	49 29	43 26	35 33	48 35	56 23	71 33	71 38	68 42	63 30	64 50	67 43	66 49	50 32	45 22	47 33	55 35		53 32	34 26		55.1 35.1
SOUTHERN 05																																	
ATHENS CONCORO COLLEGE	MAX MIN	65 36	43 28	46 30	58 25	56 45	53 41	51 45	54 36	5 8 32	65 33	62 30	52 30		31 27		67 30		66 35		60 34	65 43		64 40	44 30	45 21	43 39	55 41	53 36	51 29	29 23		54.1 33.4
BLUEFIELO FAA AIRPORT	MAX MIN	57 33	34 27	46 26	57 31	52 46	51 48	49 42	49 39	59 37	67 41	53 40	46 29	34 27	30 27	43 30	56 31	65 41	64 48	55 41	54 43	60 48	64 51	60 37	43 27	52 24	52 36	54 40	57 39	53 27	27 22		51.4 35.9
BLUESTONE CAM	MAX MIN	68 28	52 33	43 33	51 25	58 26	54 44	57 48	54 46	58 32	64 32	68 32	59 28	51 23	40 25	40 31	50 25	57 27	68 30	70 37	55 33	57 33	60 40	68 41	59 32	47 25	52 26	45 35	60 39	59 42	51 30		55.8 32.7
GARY	MAX MIN	70 25	59 31	43 22	52 23	64 26	58 44	56 50	5 2 4 5	55 31	61 31	70 29	59 23	52 25	39 23	37 32	50 22	59 25	72 28	71 37	60 30	62 31	65 38		55 33	47 20	64 21	49 37		67 44	47 28		57.0 30.5
KOPPERSTON	MAX MIN	62 41	43 31	48 28	56 25	58 30	56 48	56 47	55 43	59 29	63 30	56 35	51 29	39 29	35 30	45 34	52 23	64 29	68 41	57 40	61 33	62 46	70 42	65 52	52 29	50 23	46 33	55 44	61 40	55 31	33 24		54.4 34.6
LEWISBURG 2 SSW	MAX MIN	60 40	40 30	47 31	55 23	50 39	53 45	52 47	50 42	61 38	66 29	60 32	58 30	42 22		42 33	51 25	66 24	68 37	64 37	57 29	65 43	64 40	61 49	51 27	50 20	44 29	60 39	59 35	53 29	29 25		53.8 33.3
PINEVILLE	MAX MIN	70 24	51 30	41 26	51 25	61 25	53 42	57 51	53 44	56 31	60 32	67 30	60 25	50 25	3 8 25	37 34	47 23	55 27	70 28	71 35	60 32	63 32	61 41	72 40	59 32	49 21	58 21	46 35	56 42	65 44	50 28		56.2 31.7
UNION	MAX MIN	68 29	54 29	3 9 3 0	50 23	58 27	52 44	54 48	52 43	57 34	61	68 30	58 30	50 20	40 26	40 31	48 19	59 26	6 9 33	69 39	56 30	57 35	60 39	66 48	61 29	47 18	53 30	46 34	60 34	59 41	50 25		55.4 31.7
WHITE SULPHUR SPRINGS	MAX MIN	61 40	42 32	50 32	58 21	51 37	54 46	55 50	<sup>5</sup> 1 43	63 31	69 28	5 8 2 8	53 29		35 34	48 34	57 19	70 27	69 31	65 34	57 25	61 40	65 35	63 52	53 28	50 17	45 27	61 39	60 35	54 32	32 26		55.2 32.3

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Continued									D	ΑI	LY	Tl	EM	IPE	RA	T	JR.	ES															GINIA 1963
																Day	Of M	onth															2
Station		1	2	3	4	5	6	7	8	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Arec
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX MIN	59 45	51 36	49 36	58 25	63 36	54 47	55 51	55 50	61 50		60 42		47 29	48 31	47 37	64 33	75 39	75 41		54 24	70 40	62 37	64	56 35	46 22	47 23	60 27		54 39			57.3 36.2
FRANKLIN 2 NE	MAX MIN	57 44	45 32	48 35	56 22	57 39	54 47	53 47	52 46	63 38	67 30	59 33	48 30	45 21	42	4 8 3 5	62 26	71 33	72 36	68 37	57 25	67 45	62 37	6 I 5 3	53 30	49 18	55 28	6 4 3 3	57 26	53 33			56.1 33.6
HARPERS FERRY NAT MON	MAX	63 46	50 34	55 35	59 30	57 40	57 47	57 52	56 48	63 48	65 36	64 37	60 34	52 27	52 27	53 36	64 29	76 38	77 38	68 50	55 31	66 45	63 40	65 56	64 35	54 37	53 33	68 31	60 31	6 3 45			60.2 38.3
KEARNEYSVILLE 1 NW	MAX	61 46	59 36	45 37	49 28	57 38	61 48	55 50	55 50	55 51	61 33	63 38	60 34	48 26	48 29	48 36	48 31	62 39	75 48	74 50	60 28	53 43	70 37	64 57	61 36	46 23	44 25	47 29	63 28	57 48	62 33		57.0 37.8
KEYSER	MAX MIN																																
MARTINSBURG FAA AP	MAX	58 43	46 36	50 36	57 25	62 40	55 47	56 49	56 50	61 38	64 32	61 36	50 33	48 26	49 32	48 34	64 30	75 39	74 44	6 l 3 3	54 26	70 42	64 38	63 45	47 33	45 24	48 23	63 29	5 9 28		39 33		56,9 35,3
MATHIAS	MAX	57 43	43 32	47 34	58 22	59 39	55 46	51 48	50 46	61 34	65 29	58 36	57 27	50 20	44 23	47 33	61	72 36	72 41	65 46	54 26	67 42	64 37	60 49	53 32	45 20	50 27	63 32	56 25	50 33	36 26		55.7 33.6
MOOREFIELO MCNEILL	MAX	62 45	52 30	52 33	60 17	63 40	60 46	55 50	55 49	65 49	68 26	63 34	56 23	48 18	45 23	50 33	65 23	77 30	76 39	72 49	60 21	71 44	68 35	67 55	58 33	49 18	55 23	63 28	58 23	53 36	40 30		59.5 33.4
OMPS	MAX MIN	60 58	60 35	45 38	47 27	56 30	63 42	54 49	59 50	54 49	59 38	58 39	59 39	48 37	55 34	47 36	47 34	62 44	75 47	74 49	59 27	59 37	69 29	60 45	62 34	45 28	43 25	53 28	60 32	60 35			56.9 37.6
PETERSBURG	MAX	60 48	50 33	50 34	58 20	62 41	60 45	55 48	54 47	64 47	60 28	58 32	5 2 2 8	45 26	46 27	50 36	64 26	76 39	75 43	71 47	59 24	71 49	66 37	66 57	59 32	48	55 26	62 34	56 25	5 9 36			58.4 35.5
PIEOMONT	MAX	58 41	54 32	39 32	46 30	58 40	58 47	54 46	52 47	5 2 4 5	60 40	63 42	58 34	46 27	46 31	42 32	47 34	60 47	74 50	70 40	59 29	56 40	67 42	65 52	60 28	40	44 29	52 36	57 34	55 41	46 26		54.6 37.1
ROMNEY 3 NNE	MAX MIN	61 45	52 35	51 37	58 20	60 40	58 47	56 51	56 50	63 50	66 29	62 33	55 27	47 22	47 30	47 37	64 24	76 33	75 39	71 49	58 23	70 43	65 37	65 50	5 8 3 5	46	46 24	63 29	56 27	54 37	40 31		58.2 35.1
WARDENSVILLE R M FARM	MAX	63 43	61 36	43 36	50 23	59 28	61 43	54 49	55 50	52 49	63 30	66 34	62 29	49 22	47 26	47 32	49 24	65 31	74 38	75 45	61 25	57 29	70 38	66 40	65 34	48	47 25	55 29	63 26	60 33			58.1 33.3

## EVAPORATION AND WIND

Station		L														Day	of mo	onth															3 . 5
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota Avg
SOUTHERN 05																																	
BLUESTONE OAM	EVAP WIND MAX MIN		42 51	52 45	.11 41 52 35	26 49	50	20 53	54	47 57	32 55	40 56	54 55	49	36 46	41	45		35 52	33 55	40 56	29 49	.04 29 53 43	.01 61 63 42	51 58	38 48	40		.02 27 53 43	17 54			1.11B 1216 51.2 37.6
NORTHEASTERN 06																																	
WAROENSVILLE R M FARM	EVAP				·10		.04 25	87	105	.22 113	.08			.06 52		-	-	:	:	-	:	-	-	-	:	:	•	:	:	:	:		:

MAX AND MIN IN ABOVE TABLE REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENGING AT TIME OF OBSERVATION.

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	oer of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Āverage	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1,000 PM EST	7,00 PM EST	Trace	-10	.1049	-05	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WE AIRPORT	WNW	17	9.7	30++	SSE	20	76	84	66	73	5	4	4	4	0	1	18	_	7.2
CHARLESTON WE AIRPORT	SW	22	6.5	20++	WSW	1	72	78	59	63	7	1	6	1	1	0	16	-	7.4
ELKINS WE AIRPORT	MNM	17	8.5	31++	WNW	23	86	90	67	80	6	6	5	1	2	0	20	-	7.9
HUNTINGTON WB AIRPORT	SW	12	6.9	21++	NW	1	78	87	61	66	7	3	4	2	0	0	16	-	7.5
PARKERSBURG WB CLTY	-	-	7.6	33	NW	2	-	-	-	-	6	9	2	1	0	0	18	29	-

																Day	of m	onth												_	_	_
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN 01				-																												
CRESTON 1 SSW	SNDWFALL SN ON GND	=	=	=	-	-	=	=	=	-	-	=	=	=	=	=	=	=	-	=	-	=	=	-	=	=	=	=	=	=	-	
NEW MARTINSVILLE	SNOWFALL SN DN GND		Т											T																T	T	
PARKERSBURG FAA AP	SNDWFALL SN DN GND		T											T	T															4.0	7 2	
PARKERSBURG WB C1TY	SNDWFALL SN DN GND		T											T	T															Т	0.3 T	
WEIRTON	SNOWFALL SN DN GNO		Ť								Т			T																2.D T	T	
WHEELING WARWDOD DM 12	SNDWFALL SN ON GND				:											!															0.4	
NORTH CENTRAL 02																																
BENSON	SNDWFALL SN DN GND	-	-	-	-	-	=	-	-	-	-	-	-	-	=	-	-	=	-	-	=	-	-	-	:	-	:	:	:	:	-	
BURNSVILLE	SNDWFALL SN ON GNO														T																6.0	
GLENVILLE	SNOWFALL SN DN GNO																														1.0	
MANNINGTON 1 N	SNOWFALL SN DN GND																													1.D	0.5	
MORGANTOWN FAA AIRPORT	SNDWFALL SN ON GND		Ť										т	т	т															2.D	Ť	
SDUTHWESTERN 03	}																															
CHARLESTON WB AP	SNDWFALL SN DN GND WTR EOUIV	T	Т											T	Т															3.6	T 4	
CLAY 1	SNDWFALL SN ON GND																														4.0	
HUNTINGTON W8 A1RPORT	SNOWFALL SN DN GNO WTR EOUIV													Т	D.5 T															2.3	T 1	
MAD15DN	SNDWFALL SN DN GNO																														2.0	
WINFIELD LOCKS	SNOWFALL SN DN GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL D4  ARBDVALE 2	SNDWFALL																														2 0	
	SN ON GNO																														2.0	
BAYARD	SNDWFALL SN DN GNO			1.0										T	Ť																8.0	
CAMDEN ON GAULEY	SNOWFALL SN DN GNO			4.0			T								0.1 T	0 • 2 T															1D.0 5	
ELKINS WB AIRPDRT	SNDWFALL SN DN GNO WTR EOUIV	T	0.6	т									T	0.1	T	T									Т					2.6	1.6	
FLAT TOP	SNOWFALL SN ON GNO	1.3	D.3		т									0.2	T T	T											l			:	-	
MC ROSS	SNDWFALL SN DN GNO		2.0	т										Т	T T															2.0	6.0	
OAK HILL	SNDWFALL SN DN GND		Т	T																											3.5	
RDWLESBURG 1	SNOWFALL SN ON GNO														Ť																6.0	
SPRUCE KNOB	SNDWFALL SN DN GND		2.0	3.0	1										1.0	т															3.0	
SOUTHERN 05																			1													
BLUEFIELD FAA A1RPORT	SNDWFALL SN DN GND	Ť	1											T	Т															1.0	2.0	
BLUESTONE DAM	SNDWFALL SN DN GNO			T											T							1									1.0	
LEWISBURG 2 SSW	SNDWFALL SN DN GND		Ť												7															1.2	D. 5	
PINEVILLE	SNDWFALL SN DN GND														T																1.9	
WHITE SULPHUR SPRINGS	SNDWFALL SN ON GND		т																											3.0	1.0	
NORTHEASTERN 06																																
BRUSHY RUN	SNDWFALL SN ON GND			Ť																											T	
MARTINSBURG FAA AP	SNOWFALL SN DN GNO																														T	
MATHIAS	SNDWFALL SN DN GND		Т																												0.1 T	
MODREFIELD MCNEILL	SNOWFALL SN ON GND		Ť																													
												١.							l					1			1					

Continued

## SNOWFALL AND SNOW ON GROUND

WEST VIRGINIA

	Station																Day	of m	onth														
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PIEDMONT		SNOWFALL SN ON GND			0.2																											2.0	

CTATION	O Z	AGE 1	TUDE	NOIL	T	ERVAT IME AI TABLE	ND.	OBSERVER	STATION	C NO.	COUNTY	IGE 1	UDE	TUDE	NOIL	T	SERV TME TAB	AND		Charpine
STATION	COUNTY	DRAINAGE	LONGITUDE	ELEVATION	TEMP.	PRECIP. EVAP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAINAG	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
ALBRIGHT ALDERSON ALREMA 1 NW ARBOVALE 2 ATHEMS COMCORO COLLEGE BAYARO BECKLEY WA HOSPITAL BECKLEY WB AR BELINGTON BELLEVILLE OAM 20	0094 PRESTOM 0102 MONROE 0143 RANOOLRH 0249 POCAHONTAS 0355 MERCER 0327 GRAMT 0580 RALEIGH 0582 RALEIGH 0633 BARBOUR 0645 WOOO	2 39 29 7 37 44 2 36 55 7 38 26 7 37 25 9 39 16 7 37 47 7 37 47 10 39 02 8 39 09	80 38 79 40 79 49 81 01 79 22 81 11 81 07 79 56	1219 1555 3020 2730 2600 2375 2330 2504 1679 600	3P 5P 6P	7A 7A 7A 8A 3P 7A 8A MID 7A	н	MONONGAHELA POWER CD.  RASSIE L. SIMS  OMER S. SMITH  HRS. NETTIE R. SHEETS  CONCORD COLLEGE  HOWAPD R. FULK  V. A. HOSSITAL  U. S WEATHER BUREAU  GEORGE R. MILLYARD  CORRS DF ENGINEERS	MARLINTON MARTINSBURG FAA AR MARTINSBURG 2 W MATHIAS MATHAS MATHAS MC HECHEN DAM 13 MC ROSS MIDDLEBOURME 2 ESE MOOREFIELO 2 SSE MOOREFIELO MCNEILL	5707 5712 5739 5747 5847 5871 5963 6163	ROCAHONTAS BERKELEY BERKELEY HARDY MERCER MARSHALL GREENBRIER TYLER HAROY	9 9 7 8 4 8	38 13 39 24 39 28 38 52 37 25 39 59 37 59 39 29 39 02 39 09	80 05 77 59 78 00 78 52 81 15 80 44 80 45 80 52 78 58 78 54	2150 537 535 1625 2580 655 2445 750 830 800	MID 6P 4R 7P	6P 7A 7A 4R	2 22 2	H H H	CECIL A. CURRY FED. AVIATION AGENCY FED. AVIATION AGENCY FORTH TO CRISWELL VIRGIL L. MATMIAS RAY B. THOMRSON CORPS OF ENGINEERS RUSSELL O. AMICK JOHN W. CRUMRINE MRS. ZELLA M. VETTER MRS. JOHN W. SAVILLE
BELVA BENSON BEMS RUN 1 SSE BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT BLUESTONE OAM BRANCHLANO BRANCHLANO BRANCHY RUN	0661 NICHOLAS 0679 HARPISON 0687 TYLER 0710 MORGAM 0844 NICHDLAS 0921 MERCER 0939 SUMMERS 1075 LINCOLN 1083 PRESTON 1204 PENDLETON	38 14 10 39 09 8 39 28 39 37 4 38 25 7 37 38 3 38 13 2 39 40 9 38 50	80 33 81 06 78 14	748 1080 644 640 1885 2805 1388 600 1798 1375	6R 6R HID		H AC H	RAYHOMO E. PHILLIPS CLARK SBURG WATER BOARD ROBERT N. HALL H. W. RUPPENTHAL. III SOUTHEASTERN GAS CO. FED. AVIATION AGEMCY CORRS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE	MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND OAN HOUNDSY LLE HT STORM NAOMA NEW CUMBERLAND NEW HARTINSVILLE OAK HILL OMPS RARKERSBURG FAA AR	6212 6248 6293 6362 6442 6467 6591	MONONGAL IA MONONGAL IA MARSHALL GRANT RALE IGH HANCOCK WETZEL FAYETTE MORGAN WOOD	6 8 9 4 8 8	39 36 39 37 39 54 39 17 37 52 40 30 39 39 37 58 39 30 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 76 17 81 26	1245 825 620 2845 1210 750 637 1991 950 837	7R 5P 6R 6P 7A 7A	7A 5P 8A 6R 6P 7A 7A	uu u	н	FED. AVIATION AGENCY CDRRS OF EMGINEERS MOUNDSYLLE SEWAGE RLT MRS. EILEEM MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY DR. Z. W. ANKROM MILES H. MARTIN MRS. E. M. MOVERMALE U. S. MEATHER BUREAU
BUCKEYE BUCKHANNON 2 W BURNSYLLE CAIDO 3 S CAMDEM DN GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTOM WB AP CHARLESTOM 1 CLARKEBURG 1	1215 POCAHONTAS 1220 UPSHUR 1282 BRAXTON 1326 RICHIE 1326 RICHIE 1363 WEBSTER 1393 TUCKER 1576 KANAWHA 1575 KANAWHA 1677 HARRISON	7 38 11 10 39 00 5 38 52 5 39 10 4 38 22 2 39 03 4 38 32 4 38 22 4 38 21 6 39 16	80 40 81 10 80 36 79 26 80 35 81 36	600	6P MID 9A	7A 6P 7A 7A 7A 6P 7A MID 9A		MISS ILEAN WALTON DR. ARTHUR B. GOULD JOHN W. BROWN EUREKA RIRE LINE CD. HOWARD FLETCHER BEN F. THOMRSON JAMES W LINGER U.S. WEATHER BUREAU W.S. WA. WATER SVC. CO. HENRY R. GAY	PRARKERSBURG WE CITY RARSONS 1 SE PETERSBURG RHILIRRI RICKENS 1 PIEDWONT PINEVILLE ROINT REASANT 5 NME PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7025 7112 7207	WOOD TUCKER GRANT BARBOUR RANDOLRH MINERAL WYOMING MASOM HERCER JACKSON	10 10 9 3 8	39 16 39 06 39 00 39 00 39 09 38 40 39 29 37 35 38 55 37 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410 584	5R 6R 7P 8A 7A 5P	7A 7A 7A 8A 7A 5R 7A	c	н	U.S. WEATHER BUREAU FERNOW EXR. FOREST MRS. BESS. S. MOHL MRS. MAXINE LEACH MRS. MAXINE LEACH MRS. MELL B. ARMSTRONG C. A. SUTER. JR. JAMES G. HC DERMITT UMIVERSITY DF W. VA. W. VA. WAIER SVC. CO. CORPS OF ENGINEERS
CLAY 1 CLENDENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK DUNLOW 5 E ELKIMS WB AIRPORT ELLEMBORD FAIRMONT	1696 CLAY 1723 KANAWHA 1959 KANAWHA 2054 WIRT 2209 TUCKER 2462 RALEIGH 2520 WAYNE 2718 RANDOLPH 2746 PITCHIE 2920 HARIOM	+ 38 27 + 38 29 5 38 56 2 39 08 4 37 52 8 38 02 10 38 53 5 39 16 6 39 28	81 05 81 22 81 16 81 17 79 28 81 28 82 20 79 51 81 04 80 08	722 615 640 648 3120 1264 850 1970 805 1298	5P HID	7 A	с н.	MRS. SARAH 8. FRANKFORT KATHERINE M. RADER MOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL KELLY BROWNING J. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT	RENICK 2 S RICHMODO RIPLEY ROMNEY 3 NNE ROWLESBURG 1 STMARYS SMITHBURG SMITHYILLE SMOOT	7503 7552 7730 7783 7879 8274	GREENBRIER NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS OODORIDGE RITCHIE	8 9 2 8 8	37 58 38 13 38 49 39 23 39 21 39 23 39 17 39 04 37 53	80 21 80 31 81 43 78 46 79 40 81 12 80 44 81 05 80 40	1900 2300 610 640 1375 650 795	6P 5P 5P 7P	5P	c	н	MRS. MARY V. MC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BDLYARD JOHN H. INGRAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CD. JOHN P JOHES
FLAT TOP FRANKLIN 2 NE FREEMANSURG GAPY GASSAWAY GLEWILLE GRAFTON 1 ME GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY	3072 MERCER 3215 PENDLETON 3236 LEWIS 3353 MC DOWELL 3361 BRAXTON 3544 GILMER 3630 TAYLOR 3646 CALHOUN 3749 LINCOLN 3798 WEBSTER	7 37 35 9 38 40 6 39 06 1 37 22 4 38 40 5 38 56 10 39 21 5 38 56 3 38 14 4 38 39	81 07 79 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59	3229 1900 1030 1426 840 727 1230 730 950 1501		7A 7A 8A 6P 8A 5P 8A 8A 7A	H H	FRED E. BOWLING GEORGE D. MANNER EOUITABLE GAS CD.  JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. MOORE MRS. LELA M. CARTER	SPENCER SPRINGFIELD 1 N SPRUCE KNOB STONY RIVER DAN SUMMERSYILLE 3 NE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM	8384 8403 8433 8536 8663 8782 8803	ROAME HAMPSHIRE PENOLETON GRAMT NICHOLAS BRAXTON PRESTON TUCKER MASON	5 9 9 9 4 4 4 2 2	38 48 39 28 38 41 39 08 38 18 38 39 39 27 39 09 38 41 39 19	81 21 78 42 79 31 79 16 80 48 80 41 79 33 79 30 81 50 80 02	964 795 3050 3400 1850 835 2587 3010 630 1200	6P 8A	8A 8A 7A 7A 7A	7A C	н	W. VA. WATER SVC. CO. MARRY L. GRACE HARRY J. GORDON FRED C. BECKER CHARLES F. GUM CDAPS OF ENGIMEERS CHARLES E. TREBLY MRS. MARGARET PERKINS HISS NORMA RUTH CASTO CORPS OF ENGINEERS
HALL HAMLIM HARPERS FERRY HARPERS FERRY NAT MONHT HASTINGS HICO MOGSETT GALLIPOLIS OAM MOPEMONT HORNER MOULT LOCK 15	3816 BARBOUR 3846 LINCOLN 3927 JEFFERSON 3932 JEFFERSON 3974 WETZEL 4128 FAYETTE 4200 HASON 4264 PRESTON 4261 LEWIS 4309 MARIOM	10 39 03 3 38 17 9 39 19 6 39 33 7 38 07 8 38 41 11 39 26 6 38 59 6 39 30	82 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22	1375 642 405 220 760 1955 57 2490 1075 878	7A 5P	8A 7A 5P 3P 7A 7A 7A 4P		MRS.OPAL R. JACKSON W. VA. WATER SVC. CD. MISS ELEAMOR J. MHITE NATIONAL PARR SERVICE HOPE NATURAL GAS CO. MRS HILDRED E CRIST CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARK SURG WATER BOARD CORPS OF ENGINEERS	UNION VALLEY BENO VALLEY HEAD VANDALIA WARDENSVILLE R H FARH WASHINGTON DAN 19 WAYNE 2 WEBSTER SPRINGS 1 E WEIRTOM WELLSBURG 3 NE	9066 9086 9106 9281 9309 9323 9333	MONROE RANOOLPH RANOOLPH LEWIS HARDY WOOD WAYNE WEBSTER MAMCOCK BROOKE	10 10 6 9 7 7 4 4 6	37 36 38 46 38 33 38 56 39 06 39 15 38 13 38 29 40 24 40 18	80 32 79 56 80 02 80 24 78 35 81 42 82 26 80 24 80 36 80 35	1975 2010 2425 1120 960 600 600 1515 1040 668	8A 8A 5P 6P	7A 7A 6P 8A 7A 8A 7A	9A	н	HRS.THELMA SPANGLER MRS VIOLET L. SWEKER KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP FARM CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER
MUNDRED MUNTINGTON FEO BLDG MUNTINGTON WB AIRPORT IAEGER IRELAMD JANE LEW KFAMNEYSVILLE 1 MW KERNET KEYSER KOPPEPSTOM	4369 WETZEL 4388 CABELL 4393 CABELL 4408 MC DOWELL 4476 LEWIS 4559 LEWIS 4763 JEFFERSON 4816 MINGO 4836 HIMERAL 4956 WYOHING	8 39 41 8 38 25 8 38 22 1 37 28 6 38 49 6 39 26 9 39 23 1 37 50 9 39 26 3 37 45	81 49 80 28 80 25 77 53 82 24 78 59		5P		C H.	MFGRS. LT. + HT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS RUTH L.SIZEMORE CLARKSBURG WATER BOARO CLARKSBURG WATER BOARO W B AGRICULTURE OFF ROY A. OEMPSEY POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	WESTON MEST UNION MEST UNION MEST UNION MHTE SULPHUR SPRINGS MIDEN MILLIAMSON MILLIAMSON 2 MINFIELD LOCKS	9450 9492 9522 9554 9605 9610	LEWIS OCCUPIOGE OHIO GREENBRIER CLAY MINGO HINGO PUTNAM	5 8 7 4	39 02 39 18 40 06 37 48 38 28 37 40 37 40 38 32	80 28 80 47 80 42 80 18 80 52 82 17 82 17 81 55	1026 1000 659 1914 1143 673 651 571	6P 8# 5P	6P 7A 7A 8A 8A		н	J. ARTHUR MENRY, JR. EARMEST F. SMITM CORPS OF EMGINEERS JAHES A. TERRY MRS. JOVEE S. BUTCHER MORFOLK + WESTERN RY. MRS. WITMA E. ROBERTS CORPS OF ENGINEERS
LAKE LYMM LEMISBURG 2 SSW LIMOSIOE LIVERPOOL LOCKNEY LOGAN LONOON LOCKS MADISON MANNINGTON 1 N MAMMINGTON 1 W	5002 MOMONGALIA 5224 GREEMBRIER 5284 HONROE 5323 JACK SDM 5341 GILMER 5353 LOGAN 5365 KANAWHA 5563 BOONE 5621 MARION	2 39 43 7 37 46 7 37 27 8 38 54 5 38 51 3 37 51 4 38 12 4 38 03 6 39 33 6 39 32	80 40 81 32 80 58 82 00 81 22 81 49 80 21	675 975	5P 8A 7A 8A 6P	7A 5P 8A 7A 8A 6P 7A	H H	WEST PENN POWER CD- RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UIT MOPE NATURAL GAS CO- COY E. MARSHALL CORPS OF ENGINEERS J. E. CURRY JAMES N. HORGAN ORA G. FROST												

<sup>\$ 1 -</sup> BIG SANDY; 2 - CHEAT; 3 - GUYANDOT; 4 - KANAWRA; 5 - LITTLE EANAWRA; 8 - MONONGARELA; 7 - NEW; 8 - DHID; 9 - POTOMAC; 10 - TYGART; 11 - YOUGHIDGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 20508 orto any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December innues of this bulletin.

Monthly and seasonal snowfall and henting degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bullotin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue,

Divisions, as used in "Ciimatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimonsional unite used in this bulletin arc: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation ie moasured in the etandard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all etations are climatological standard normals based on the period 1931-1960.

Water equivalent valuee published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for euccessive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of soowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seaeonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and enowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation timee in local standard time. During the eummer monthe some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station lodex the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later to "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- R "Soowfall and Soow oo Ground" Table. Omission of data io any month indicates on enowfall and/or snow on ground in that month,
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

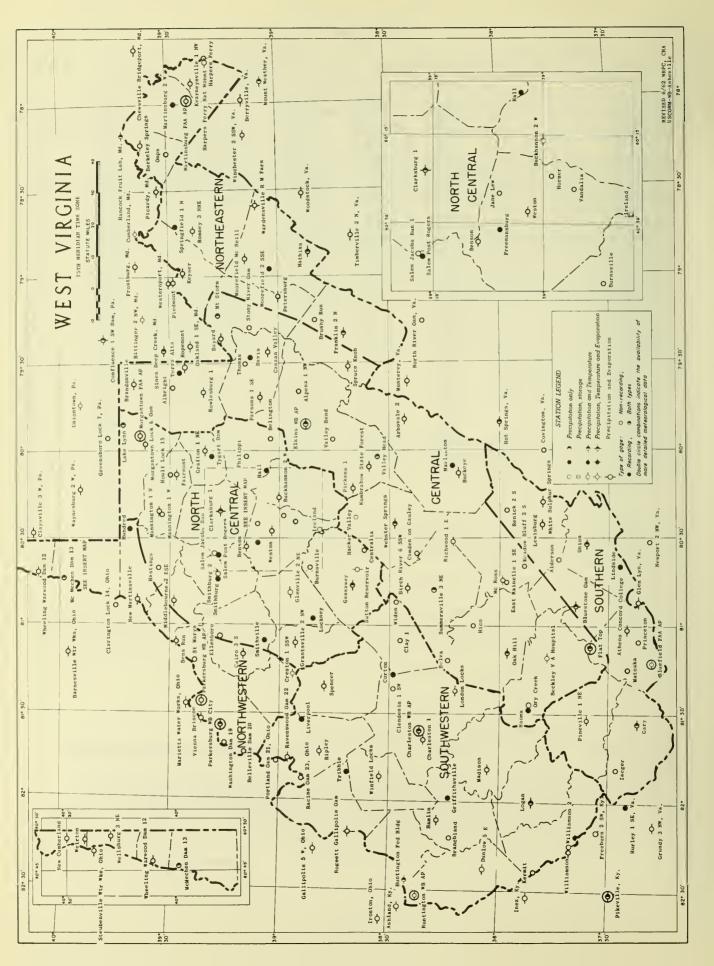
- No record to the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry,
- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wiod" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind epeed. This statioo is not equipped with automatic wind instrumeots.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This ectry io time of observatioo column in Statico Iodex means after raio.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inchee of new enowfall.
- M One or more days of record missiog; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full montb.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Rourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each mooth are described to the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superioteodeot of Documents, Government Prioting Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documente, Government Prioting Office, Washington 25, D. C. for 35 cects. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and anoual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Cbecks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding eubecriptions should be sent to the Superintendent of Documeots, Government Prioting Office, Washington 25, D. C.

USCOMM-WB-Asbeville, N. C. -2/4/64-725







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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

## CLIMATOLOGICAL DATA

## WEST VIRGINIA

DECEMBER 1963 Volume 71 No. 12



APR 7 1964

NAIVEBRITY OF THE

#### WEST VIRGINIA - DECEMBER 1963

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 64° on the 7th at Wellsburg 3 NE

Lowest Temperature: -14° on the 22d at Canaan Valley and on the 20th at Mannington 1 N

Greatest Total Precipitation: 5.04 inches at Birch River 6 SSW

Least Total Precipitation: 0.92 inch at Morgantown FAA Airport

Greatest One-Day Precipitation: 1.95 inches on the 8th at Birch River 6 SSW

Greatest Reported Total Snowfall: 48.0 inches at Spruce Knob

Greatest Reported Depth of Snow on Ground: 30 inches on the 23d at Canaan Valley

#### SPECIAL WEATHER SUMMARY

Repeated polar outbreaks throughout the month kept temperatures depressed to record levels. Charleston's average December temperature of 25.9° was the lowest on record in the Charleston area. Previous coldest was 30.0° in December 1960. Kanawha Airport in Charleston had corresponding readings of 26.1° and 30.1°, the coldest since records began in 1947. The city's records go back to 1904, however. Beckley also had its coldest December. Its airport had an average of 23.2°, while the VA Hospital had an average of 23.3°. Records from the Hospital and comparable city locations go back to 1906 and the next coldest December was in 1917 with an average of 24.3°.

In the northern part of the State, the first-order stations at both Parkersburg and Elkins have to go back to 1917 to find a colder December. At Parkersburg, its average of 25.5° is second coldest since records started in 1888, and its December 1917 average was just 24.8°. Elkins' record is shorter but its 22.6° is just shaded by the 22.5° average of December 1917. At Parkersburg the record

minimum of zero was tied on the 20th and a new one, also zero, established for the 22d. At Elkins a minus 1° reading on the 31st set a new record low for that date.

Precipitation totals were only about 50 percent of normal and averaged between 1 and 2 inches (excluding higher mountainous areas). Practically all of the precipitation fell as snow, with totals varying between 8 and 16 inches (at lower elevations), which is a greater-than-normal amount. Parkersburg, in its 76 years of record, receives a December snowfall of this amount (8.1 inches) or greater only about 1 year in every 6.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

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BENSON BUCKHANNON 2 N 31.6 16.1 23.9 - 11.0 5 7 7 - 9 22 1266 0 17 31 4 1.61 - 2.08 6.53 23 18.9 6 23 5 1 1.5 6 1 1.24 1.24 1.24 1.24 1.24 1.24 1.24 1.	0
Second   Continue	0 0
GRATTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N  32.0 14.2 23.1 24.9  MANNINGTON 1 N  32.0 14.2 23.1 24.9  -10.3 54 7 -14 20 1292 U 17 31 6  1.70 -1.79  .50 23 12.0 6 25.7 1  MIDDLEBOURNE 2 ESE MORGANTONN FAA AIRPORT MORGANTONN FAA AIRPORT MORGANTONN LAND D  32.7 16.9 24.6  NESTON  DIVISION 02  CHARLESTON WB AP CHARLESTON 1 S  CHARLESTON WB AP CHARLESTON 1 S  CHARLESTON 1 S  32.9 19.2 26.1 -11.5 59 7 -2 21 1200 U 17 31 4  15.5 27.1 C 3 8 -5 21 1203 U 17 31 4  11.5 3 -1.85  LOND D  MADION 5 E MAMILIN  HOSSETT GALLIPOLIS DAY HUNTINGTON FEO BLDG HUNTINGTON FEO BLDG HUNTINGTON NB AIRPORT MACKANTON BA AIRPORT MACKANTON BA AIRPORT MACKANTON BA AIRPORT MACKANTON S  32.0 17.1 24.6  SSOUTHWESTERN 03  CHARLESTON BA AIRPORT MACKANTON S  32.0 17.1 24.6  SSOUTHWESTERN 03  CHARLESTON BA AIRPORT MACKANTON S  32.0 17.1 24.6  MANINGTON S  32.0 17.1 24.6  MACKANTON S  34.9 7.00 27.5  MADIONON M	
MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MORGANTOWN FAA AIRPORT MESTON  DIVISION 02  24.3 -10.7  CHARLESTON WB AP CHARLEST	0
MORGANTOWN L AND D WESTDN  32.7   16.9   24.8   -11.2   59   8   -3   23.1   1237   0   15   31   4   .99   -1.91   .30   24   5.0   4   26.4   4   0   17   31   3   2.32   -1.60   .61   24   18.3   6   24   9   1    DIVISION 02  SOUTHWESTERN 03  CHARLESTON 1   36.6   15.2   25.7   63   8   -5   21   1203   0   11   31   4   1.13   -1.70   4.3   23   6.6   4   25.4   4   0   0   0   0   0   0   0   0	
SOUTHWESTERN 03  CHARLESTON WB AP R 32.7 19.2 26.1 -11.5 59 7 - 2 21 1200 0 16 29 3 1.44 - 1.81 .59 23 12.6 6 24.5 5 1 CORTON 35.6 18.5 27.1 61 7 0 30 11 31 4 1.13 - 1.70 .43 23 6.6 4 25.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
CHARLESTON WB AP R 32.7 19.2 26.1 -11.5 59 7 - 2 21 1203 0 16 29 3 1.44 -1.81 .59 23 12.6 6 24.5 5 1 CORTON 35.6 18.5 27.1 0 30 11.70 0 10 29 1 1.28 .26 11 2 .66 25.4 0 0 10 10 29 1 1.28 .26 11 2 .66 25.4 0 0 10 10 29 1 1.28 .26 11 2 .66 25.4 0 0 10 10 29 1 1.28 .26 11 2 .66 24.5 1 10 10 10 10 10 10 10 10 10 10 10 10 1	
CHARLESTON I CORTON 35.6 18.5 27.1 63 8 -5 21 1203 0 11 31 4 1.13 - 1.70 4.31 23 6.6 4 25.4 0 0 0 10 0 10 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0	
DUNLOW 5 E HAMLIN 36.2 15.2 25.7	0
HUNTINGTON FEO BLOG 35.5 22.5 29.0 - 9.6 62 7 4 21.1107 0 14 25 C 1.27 - 1.72 49 23 8.0 6 24 4 0 1007 1007 100 100 100 100 100 100 100	0
HUNTINGTON WB AIRPORT  32.7 17.9 25.3 60 7 - 5 21 1222 0 18 30 3 1.21 - 1.78 .47 23 8.0 6 24 4 0 0 10 20 0 10 20 0 1.43 - 1.72 .52 23 6.6 4 24 3 1 120 0 10 20 0 12 30 0 1.48 - 1.72 .52 23 6.6 4 24 3 1 120 0 10 20 0 12 30 0 1.48 - 1.72 .52 23 6.6 4 24 3 1 120 0 10 20 0 12 30 0 1.48 - 1.72 .52 23 6.6 4 24 3 1 120 0 10 20 0 12 30 0 12	
MADISON 35.2 18.0 26.6 55 27 2 22. 1190 0 10 29 2 1.44 .59 23 10.5 7 24 4 1 POINT PLEASANT 5 NNE 34.7 17.7 26.2 60 7 - 4 21 1193 0 14 30 3 1.11 .45 23 7.1 5 25. 4 0	0
POINT PLEASANT 5 NNE   34.7   17.7   26.2     60   7   - 4   21   1193   0   14   30   3   1.11     .45   23   7.1   5   25.0   4   0	
RAVENSWOOD DAM 22 35.8 18.2 27.0 - 9.5 61 7 - 5 22. 1172 0 14 31 4 1.52 - 1.30 .36 24 8.9 8 25. 5 0	0
RIPLEY 36.6 16.5 26.6 - 9.5 61 7 - 7 21 1185 0 12 31 4 2.09 - 2.00 .70 23 12.5 7 23 7 1 63 7 1 63 64 65 65 65 65 65 65 65 65 65 65 65 65 65	
WAYNE 2 33.4 16.2% 24.8% 24.8% 24.8% 38.0 18.9 27.3 22.1126 0 7.30 C 2.3488 1.00 23 8.5 5 2 8.5 18.9 27.3 22.1126 0 7.30 C 2.3488 1.00 23 8.5 5 2 8.5 18.9 27.3 22.1126 0 7.30 C 2.3488 1.00 23 8.5 5 2 8.	1
DIVISION 03 26.6 -10.3 1.42 - 1.60 9.5	
CENTRAL 04	
ARBOVALE 2 30.4 11.7 21.3 - 8.7 52 7 -10 31 13.9 0 18 31 7 0 1.97 R0 .74 24 20.1 13 24 6 1 BECKLEY V A HOSPITAL 32.2 14.5 23.4 -11.2 5.7 7 - 8.21 12.5 0 18.30 6 0 14.6 - 1.51 65 23 1 19.5 12.4 5 1 BECKLEY WB AP 30.7 15.6 23.2 56 73 21.1 28.0 0 19.31 2 2.4 1 1.4 23 22.1 14.2 2.5 5 7 7 - 8.3 13.2 2.4 1 1.5 1.4 1 23 22.1 14.2 2.5 5 1 BIRCH RIVER 6 55W 33.9 1. 13.6 W 23.9 0.5 5 7 - 8.3 13.1 12.7 5 0 13.1 2.6 V 1.6 V	0 0 1
BRANDONVILLE 27.9 14.3 21.1 52 8 -10 31 1352 0 24 31 4 1.97 .41 12 17.5 8 25. 6 0	0
BUCKEYE 33.0   12.6   22.8   52   7   -12   31   1297   0   15   31   k   2.44   .62   23   20.0   14   24   5   3   24   25.44   10.0   17.7   46   26   -14   22   1460   0   25   31   6   3.28   .97   23   34.0   30   23   9   1   25   8   1   25   25   25   25   25   25   25	0
HOPEMONT 28.0 12.0 20.0 48 3 -10 20 1393 0 18 31 7 20.0 22 25. MC ROSS 32.5 13.9 23.2 55 7 - 7 22 1288 0 17 31 5 2.81 1.07 23 21.0 13 23 7 1	1
MC ROSS   32.5   13.9   23.2   55   7   - 7   22   1288   0   17   31   5   2.61   1.07   23   21.60   13   23   7   1    DAK HILL   33.8   15.8   24.8   6.0   8   - 4   22   1238   0   13   31   2   1.22   2   3   4   5   1    PARSONS 1 SE   31.5   16.2   23.7   54   26   -5   22   1270   0   17   31   5   3.40   .77   24   42.5   12   2   11   2    PICKENS 1   30.7   12.2   21.5   51   26   -11   21   13.43   0   17   31   5   3.40   .77   24   42.5   12   2   11   2	0
RICHWOOD 32.4 15.3 23.9 55 7 -11 21 1266 0 17 30 3 34 12 1 0 1 0 26 9 1 31.2 17.1 24.2 53 26 - 4 22 1259 0 18 31 3 2.63 50 9 18.0 10 26 9 1 3 5 5 5 7 5 18 8 - 2 21+ 1369 0 20 30 2 2-11 66 24 48.0 28 24 7 0 8 65 5 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	0
DIVISION 04 22.4 - 9.8 2.50 - 1.16 23.1	
SDUTHERN 05	
ATHENS CONCORD COLLEGE 32.5 16.8 24.8 55 7 - 2 21 1239 0 16 29 1 2.12 1.00 23 16.0 12 24 7 1 BLUEFIELO FAA AIRPORT 30.4 17.4 23.9 55 7 0 21 1266 0 20 27 1 1.38 .76 23 15.6 8 24 2 1 BLUESTONE DAM 35.2 17.6 26.4 55 27 4 31.1190 0 11 31 0 1.52 .64 23 11.5 10 24 4 1	ō

See Reference Notes Following Station Index

## CLIMATOLOGICAL DATA

WEST VIRGINIA DECEMBER 1963

CONTINUED

				Ten	pera	ture												Precip	pitati <b>o</b> n					
										١	lo. of	Doys							Sno	w, Sleet		N	lo. of	Doys
Station	Average	Average Minimum	Average	Departure From Narmol	Highest	Dote	Lowest	Date	Degree Days	Abore	-	Below 0° or	-	Total	Departure		Greatest Day	Dote	Tatal	Max. Depth an Ground	Dote	.10 or Mare	.50 or Mare	1.00 or More
GARY // R KOPPERSTON LEWISBURG 2 SSW PINEVILLE UNICN	36.7M 32.6 32.8 34.5 33.7	16.1M 17.8 17.4 14.7 15.5	26.4h <sup>2</sup> 25.2 25.1 24.6 24.6	-10.3 - 8.8	61 48 52 55 59		- 3 2 - 3	22 21 20 22+ 17	1148 1224 1229 1245 1242	00	15 16 13 14	29 31 31	1 0	1.28 2.67 2.04 1.70 1.60	- 1.	.76 .88	.72 1.19 1.28 .82	23	9.0 13.5 10.8 13.1	14 10 11	24 24+ 23 24 24	3 6 4 3 4	1 3 1 1	0 1 1 0 0
WHITE SULPHUR SPRINGS OIVISION 05 NORTHEASTERN 06	35.3	16.8	26.1	- 7.8 -10.0	58	7	<b>-</b> 2	22	1200	D	12	31		1.79	- 1	.01	•57	23	11.0	11	24	4	1	0
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	35.3 36.1 38.2 35.2 M	20.2 16.0 19.5 19.6 M	27.8 26.1 28.9 27.4 M	<b>~</b> 7,6	58 49		- 3	31 31	1148 1197 1113 1159	0	7	31		1.77 1.60 2.32 1.74		.96	.80 .80 .91	24	11.9 13.0 16.2 12.5		23	3 5 5 3	1 1 2 2	0 0 0
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL OMPS PETERSBURG	35.1 33.8 36.5 34.4 37.8	18.6 16.1 16.5 20.7M 18.7	27.0 25.0 26.5 27.6M 28.3	- 7.3 - 7.3	54 60 51	26 7 26 27 24	<b>-</b> 5	31 31 31 31 22	1171 1233 1186 1163 1127	0	11 12 10 12 9	31 37 31	1 3 0 1	1.99 1.89 1.73 1.52 1.64		.75	1.05 1.04 .90 .79	23 23 24	12.7 16.2 14.0	10	24 24+ 25+ 24	4	2 1 1 1	1 0 0 0
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	32.2 36.0 36.8	18.9 18.8 16.6	25.5 27.4 26.7M	- 7.5 - 6.2		8 26 27		31 31 31	1218 1156 1182		16 10 9	30		1.78 1.62 1.82		.67 .31	.80 .73 .70	24	13.7 10.5 12.0	10	24 24 24	4 4 5	1 1 1	0 0 0
OIVISION 06			27.0	- 7.1										1.79	-	.47			13.4					

	,																												orci	HELP III	1963
Station	Total	1	2	3	4	5 6	7	8	9	10	11	12		of Mr		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NCRTHMESTERN OL  BELLFYILLE OAM 20  RENS AUN 1 SSF  CAIRO 1 S  CRESTON 1 SSM  FLLENSORO	1.17 1.48 1.48 D 1.74 1.43	.09	.09	.13 .17 .13 .20 .21	•02			•15	.22 .32 .11 .27	.02 .05		.26 .25 .26 .31 .24	T01			T T	c	. O F	.03				.09 .11 .59 .350	• 4 1							:
MC MECHEN CAM 13 MOUNDSVILLE NFB CUMMERLAND NFB MARTINSVILLE RAFKENSBURG FAA AP	1.59 1.52 1.45 1.77	.17	.08 .01 .15 .06	.12	T	Ť		.33 .28 .39 .16	.29 .05 .08 .08	.07 .05 .08 .09	•12	.33 .24 .32 .21 .10	l v		T T	1	T T	.17 .16 .18 .16 .03	.05 T T	T	Ť		.41 .36 .52 .37	.5 L .07 .04 T	*		T	.01 T	,01	•01	•
PARKERSAURG WE CITY R ST MARYS WASHINGTON DAM 19 WEITSTON WELLSBURG 3 NE WHEELING WARROOD DM 12	1.18 1.47 1.05 1.50 1.32	.08 .05 T	.06	.09	.02	'		.24	.02 .26 .10 .09	.08 .10	7	.14 .24 .24 .15			T	t	T T	.12 T .18 .23	T .09		т	Ť Ť	.50 .02 .37 .35	.32	Ť		T +03 T	. 01 T	T T	T	
WORTH CENTRAL 02	1.99		•01		.05				.33	•21	•01	.19	•04		.02	.03	0.1	.03		,	T	Ť	.14	. 44	Т	T	Ť	.02	T	т	7 .
RELINGTON RENSON RUCKK-ANNON Z W RUFMSVILLE CENTRALIA Z NNW	1.61 1.69 1.74	.06 .26 .10	.12	*18 *12 *11 *16 *17	t .02			.15 .20	.25 .13 .27 .30	.02		.27	T .05	•02	•01 †	.02	.01 .02	.03 .06	.13 .02 .10	T			.55 .63 .32 .22	.03 .30 .49	T	,	.02	T 02		7	
CLARKSHURG 1 FAIRMONT GASSAMAY GLENVILLE GRAFTON 1 NE	1.39 1.57 1.52 1.34 1.54	.13 .05	.07 .16 .03	.07 .07 .17 .20				*16 *15 *10	.14 .18 .11 .10	T •03	.05 .05	.14 .18 .24 .30 .21	т	T T T	T	Ť Ť	T T	.10 .07 .05	.01 .01 .05		T		.58 .51 .71 .30	.03 .15			T T +04	T T .05			•
GRANTSVILLE 2 NW MASTINGS MORNER MOULT LOCK 15 IRELAND	2.33 1.91 1.29 2.00	.05	.25	.21 .16 .16 .15	•04			.25 .25	.24 .22 .24 .20 .27	.01 .10 T	T	.27 .24 .25 .15	.03	.02	* °1	*02 T	.04 T T	.19 .11 .05	T •04 •05				.43 .66 .12	.17	-		T T	.03 .03			•
JANE LEW LAKE LYNN MANNINGTON 1 N MANNINGTON 1 W MIOOLEBOURNE 2 ESE	1.48 1.14 1.70 1.78 1.49	•12 •15	•11 •12 •11	.07 .10 .08 .14	•05 T	T		.17	.12 .20 .12 .38	.12 .08 .07	• 02 T	.29 .16 .22 .26	† 02 † 03		T T	T	T T	.15 .03 .13	.02 .07 .03	Ť			.61 .50 .04	.03 .40 .08 .56			T T	T T .04			•
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O PHILIPPI SUTTON RESERVOIR VANOALIA WESTON	.92 .99 1.82 1.54 1.97	.11	.09 T T .05	.01 .14 .23 .16 .15	.04 .04 .02	Ť		.18	.05 .19 .37 .24 .26	.02 .06 .05 .02 T	*06 T T	.09 .16 .23 .18 .24	.02 T .03	T	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	7 7 •03 •02	T T T	.04 T .02 1	.06 .04 .09 .06 .03	T T	T T T	T T	.31 .02 .21 .33 .75	7 .30 .44 .45 .05	T T T		.02 T T	T 02	T T	T	T
SOUTHWESTERN 03 BRANCHLAND	1.33	.02		.06	т				.30	Ţ	Τ,	.33		Ţ				.03	.04				. 32	. 23 T							
CHARLESTON WB AP R CHARLESTON 1 CLAY 1 CLENCENIN 1 5W	1.44 1.13 1.53 1.57		.01	.06 .10 .22 .16	T .03	T		.12 T	.05 .19 .25 .27	T T •14 •04	•11	.15 .35 .22 .31	.04	Ť	T	Ť	T T	.34 .04	.10 .11	Т			.59 .43 .60 .33	.02			Ť				.01
OUNLOW 5 E HAMLIN HOCSETT GALLIPOLIS DAM HUNTINGTON FEO BLOG	1.64	.02	.03	.03 .05 .17	.01	T T		.24	.16 .31 .32	T 105	.18	.35 .31 .30 .12	T T	т		T	т	.13 .05 7	•02				.68 .37 .19	.02			т ′	T	т		.03
HUNTINGTON WE AIRPORT KERMIT LOCAN LONOCN LOCKS MADISON	1.21 1.38 1.43 1.18 1.44	.02	.07	.06 .03	.07 .01 .06	T		.16 T	.05 .20 .25 .15	.07 .02 .04	•15 T	.15 .39 .38 .22 .27	+02 +03 T	Т	T T	Т	Ţ	.08 .01 T	.03 .05 T				.47 .20 .52 .41	.30 .09 .21	Ť		Ţ				.02
POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	1.11 1.52 2.09 1.19 1.37	.02 T	.11 .17	.01 .15 .05	•02	T T		.33	.03 .20 .20 .11	T T -04		.24 .28 .34 .28	Ť	т	.07 T	† † •02	.03	.03 .09 .20	.04 .02		7		.45 .26 .70 .28	.36	Т						
WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS CENTRAL 04	1.55 2.34 1.59 1.35	.03 T	.01	.11 .03 T	.02 .03 .03			•14	.19 .15 .27 .23	.09	•02 T	.19 .50 .44 .31	.02 T		.01	•02	.01	.02 .04 .01	.04	Ť			1.00 .69 .23	.20 .45 .12 .34	.01			T	T		•
ALFRIGHT	1.82 2.47 0 1.97 2.67 0 1.68	.07	T .20	.19 .22 .11 .17	.05 .04				.30 .43 .37 .47	.06 .05	.02	.27 .35 .16 .40	.03 .06	.03	.04	.01 .05	•07	.0. T	.09 .07 .05 .23	T T			.13	.62 .72 .74 .48	,05 T			.03 .04	т	T I	7
BECKLEY WB AP BELVA BIRCH RIVER & SSW BRANOONVILLE BUCKEYE	2.41 1.83 5.04 1.87 2.44	† 11	Ť	.09 .30 .23	T .20	T		.12 1.95	.16 .25 .94 .34	.05 .15	.16 T	.20 .23 .26 .41	T T	.07	*01 † *11 †	T .05 T	т	.01 .10	.10 .08	T T		т	1.41 .64 1.52 .18	.05 .35			T	T •05		T	.05
CAMOEN ON GAULEY CANAAN VALLEY ORY CREEK ELKINS WB AIRPORT FLAT TOP	1.98 3.28 2.00 1.65 2.13	.20		.11 .52 .04 .12	*02	T T		† •30	.27 .42 .24 .13	.20 .52 .02 T	.05 .03	.18 T .52 .29	.02	T •10 •04 •04	.12 .03	.09 T	,01	.47 .02 .09	.12 .34 .08 .04	T T	т	T	7 .97 .92 .46	.80 T .10 T	T		T T	T T	т	т	T T
HACKER VALLEY HICO HOPEMONT MC ROSS MT STORM	2.35 1.53 2.61 D 2.66	.15 .09	- ;**	.13	•14 •07	 T	- T	.36	.40 .11 .12 .35	.14 .07 T	1	.23 .17 .41	.09	.02	.02 T	.03 .02	102 100	.10 .20	.09 .07	T	.01	- D .15	.38 .39	.48	т	-	T - T	- T	- T	- T	-
OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOD ROWLESBURG 1	1.92 2.14 3.40	.15 .07 .40	.12	.20	.03 T .13	T		.38	.19 .15 .54	.06 .05 .30	T	.24 .38 .26 .34	.02	.01 .01 T	T T .07	.01 .05		T .08 .04	.13 .04 .16	T T T		T -	.95	.08	-		•01	† •03	T	T	Ţ
SMOOT SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE 3 NE THOMAS	2.39 2.11 1.49 2.46	.05	.04 T	.06	05 T				.40 .40 .15	.05	-	.23	.06	.06	.02	.04 .01	.01 T	† † † † † † † † † † † † † † † † † † †	.05 .14 .06	·	Ť	-	.69 .3T .65	.5B	T .	-	-	-		-	20
VALLEY BENO VALLEY HEAO WEBSTER SPRINGS 1 E SOUTHERN 05	1.32	.0T	• 12 T		.03				.28 .42 .61	.07		.17 .32 .13	Ť T •05	T	T T •03	T .01	Т	Ť	.05 .24 .07	т			.13 .20 .43	.32	T						
ALDERSON ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE OAM GARY // F	0 2.38 2.12 1.38 1.52 1.28	.16 .06	.13 .11 .05 7	.07		Т		•11	.53 .21 .04 .18	T	•06 T •01	.22	,02 •01	.07 .07 .02 .08	T T T	T T	1	.11	T T •03	т		T	01.20 1.00 .76 .64	.02 T .34	Ť		T			T	.10

St. 43	lal													Day	of M	onth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1AEGER KOPPERSTON LEWISBURG 2 SSW MATOAKA PINEVILLE	1.59 2.67 2.04 2.93 1.70	.06	T .09 .08	.09 .11 T .13					•10 •22	.15 .50 .11 .12			.29 .58 .31 .22	.08	.03 T T .09	•02 T	Ţ	•11 T	.03	.08	т	Ť		.13 1.19 1.28 1.92 .82								
PRINCETON REBICK 2 S UNION WHITE SULPHUR SPRINGS NORTHEASTERN 06	1.14 2.48 1.60 1.79	.02 .03 .02	† 10	.06 .05						.02 .33 .34 .37			.18 .79 .22 .23	.10 .02	.05 T .02	т	Ť	* 01	T T	T T .01	т			.60 .62 .77 .57	.53							
BERKELEY SPRINGS BPUSHY RUN FRANKLIN 2 NE HARPERS FERRY MARPERS FERRY NAT MON	1.77 1.42 1.60 1.70 2.32	Т		.05	.13				.45	.08 .23 .34 .55	† •01 †		.35 .24 .12 .23		T				.03 .02	T				.80 .19 .20 .02	.74 .80							
KFARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL	1.74 - 1.99 1.89 1.73	- T	-	.07 .18		-	-	-	.60 .25	.21	-	Ť	.21 .25 .19		T T	-	-	-	:01 :02	T -	-	-	-	1.05 1.04	.02	-	-	ī	-	-	-	-
CMPS PETERSBURG PIEDMONT ROMNEY 3 NNE WARDENSVILLE P M FARM	1.52 1.64 1.78 1.62 1.82	Т		.09 .05 .04	.03 .19	;				.48 .38 .40 .48	•02	T	. 25 . 20 . 40 . 23						,01	Т		т		.20 .10 .11	.73	Т						

## DAILY TEMPERATURES

																0							_						76	CT MDE	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	OI Mo	17	18	19	20 21	22	23	24	25	28	27	28	29	30 31	Average
NORTHWESTERN 01																		•									-				47,
BENS RUN 1 55E	MAX M1N	37 26	36 25	37	33	36 2 7	37	41	5 7 2 5	47	30	30 27	37 26	37	32 17	20	17	20	26	27	15 1	7 20	30	30	31	31	52	3 n		30 2	
CATRO 3 S	MAX	37	37	36 30	38	37	42	58	48	34 27	33	37	38	37	31 15	19	20	27	28	24	19 2		31	33.	13	55 10	46	5.7	30	21 3	33.9
CRESTON 1 55W	MAX						32			22	25	25	28	28	24	٤	2	20	19	29	19 1		20	26	35	35	40	32		32 3	
MCUNOSVILLE	MAX	28 38 24	25 37 23	38 31	25 36 28	32 40 30	40	56 21	49	37	32	35 27	37	37	32	21	24	24	29	19	18 2	3 28		33	34	52 18	43	38		27 2	7 33.7
NEW CUMBERLAND	MAX M1N	33	3a 26	35	33	39	37	55	49	33	30	34	35	33	26	17	24	25 11	20		17 2	3 29	30	31	30	47	42	34		22 2	
NEW MARTINSVILLE	MAX M1N	39	38 25	38	35	38	41	60	47 25	38	30	35 27	37	35	31	20	26 12	25	27		20 2		31	32	32 25	52 11	45	32		27 2	33.7
PARKERSBURG FAA AP	MAX M1N	36 28	36 28	36 29	36	35 31	42	59	49	32	30	34	36 32	32	26	18	20	25	26	15	18 2		29	30	30	51	39	28		24 2	
PARKERSBURG WB CITY	MAX M1N	36 28	38	37	36	37	43	60	51 33	33	30	35	37	32 26	26	18	21	25	26	15	18 2	2 27	30	32	33	53	40	2 g		22 2	32.2
WEIRTON	MAX M1N	32	35 27	35 29	33	40	33	55 28	50 31	37 25	29	33 25	33	33	24	14	25	25 11	25 18	18	15 2	28		30 24	30	47	42	33		23 20	31.1
WELLSBURG 3 NE	MAX M1N	3 9 2 1	35	36 30	33	40	39	64	48	34	30 25	35 26	36 28	34 26	27 11	15	22	24	26 17	19	15 1			31	32	48	37	35 18	25	20 2	
WHEELING WARWOOD DM 12	MAX M1N	36	34	36 30	33 28	37	39	39	55 28	49	31	30 27	36 27	36 29	31 16	17	16	22	26		14 10		28	30	31	34 25	47	35 23	26 13	26 2	
NORTH CENTRAL 02																9															
BELINGTON	MAX MIN	32 23	33 12	42	32 20	41	35 27	41	5 9 2 0	50 25	28 23	29 24	42	42	36 25	26	17	23 11	26 13	27	17 1			33	29	28	55 10	35 18	29	33 2	
BENSON	MAX MIN	32 27	35 18	32	39 18	40	41	59 21	57 22	36 25	33 25	36 25	40	37 30	3 <i>2</i> 16	21	20	26	27	20	15 2		32 12	32	32	5 7 5	54	30 14		29 20	34.0
BUCKHANNON 2 W	MAX M1N	33 26	40 17	36 27	37 20	36 30	38	57 21	53 26	31	28 25	31 25	39 29	35 30	31 14	15	19	25	26 15	15	14 1			30 22	29 23	51 14	44	33 15	27	23 30	31.6
CLARK5BURG 1	MAX M1N	34 25	37 21	3 7 2 8	35 20	36 30	38 29	56 21	52 24	32	29 26	33 26	41	36 30	33 10	16	20	25	27 13	15	14 1			31	30 12	52 10	40	29	28	21 30	31.7
FAIRMONT	MAX M1N	33 25	34 26	34 27	34	35 29	35 30	56 29	51 30	30	28 24	34 25	3 8 3 0	33	28	15	21	23 10	26 12	16	15 20			28	2 9 2 3	50 24	37	27 15	27 12	22 26	
GA55AWAY	MAX M1N	38 31	40	36 31	41 26	3 9 3 2	43	60	54 25	33	33 27	35 27	42 32	40 31	34 18	20	20 12	2 9 1 1	30 18	20 10	19 2		33 15	32	34	5 7 5	39	35 21	35 5	26 3	
GI ENVILLE	MAX M1N	33	36 20	38 27	33 24	39 25	37 32	42 22	5 9 2 5	55	32 27	32 27	40 28	40	35 22	23	1 A 1 3	21	28	29 10 <b>-</b>	17 1			30 25	32 26	45	55	11	10 -	1 - 1	33.9 1 15.6
GRAFTON 1 NE	MAX M1N	34	36 14	32 16	34 20	35 24	37 28	55 29	54 23	33	29 23	34 24	37 28	35 28	33 9	16	21 11	23	28 18	25	15 1			28	29 22	51	47	33 11	28	27 30	
GRANTSVILLE 2 NW	MAX M1N	36 29	39 21	38 29	33	42 25	38 31	45 22	63 24	52 28	30 27	32 21	33 26	40 32	34 22	26	20	2 1 5	28	30 10 -	18 20		32 15	31 23	35 26	3 5 3	58	41 14	32 5	34 28	
MANNINGTON 1 N	MAX M1N	35 18	36 24	36 29	34 20	34 30	38 29	54 18	52 22	32 25	29 25	34 25	39 31	34 29	32 18	18	23 11	23	27 15	15	15 2: 14 -		31 9	29 24	31 24	53	41	34 10		25 28	
MTOOLEBOURNE 2 ESE	MAX M1N	35 22	35 23	36 30	34 25	35 30	41 31	59 23	48 28	33 27	29 26	34 26	37 31	33 30	30 14	16	20 11	26 1	26 16	16	17 20		30 12	30 25	30 25	51 5	40	36 10		24 29	
MCRGANTOWN FAA A1RPORT	MAX M1N	32 26	34 26	34 27	36 25	36 29	34 29	57 28	54 30	30 25	27 25	33 25	40 31	33 29	29 10	14	23 12	24 7	26 13	13	13 20		28 18	28 23	29 23	52 28	38 28	28 14	26 13	23 2	
MCRGANTOWN L ANO O	MAX M1N	34 28	38 23	37 30	35 26	38 29	37 29	58 24	55 27	33 27	30 25	35 27	41 31	35 28	33 14	17	25 8	25	28 16	17 9 -	16 19		31 14	31 24	31 25	53 15	37		29 10	25 30 2 <b>~</b> !	
WESTON	MAX M1N		35 21			39 24	37 31	42 24	59 24	34 28		31 26		40 31							15 18 2 - 8					32 26		37 18	29 8	31 24	
SOUTHWESTERN 03																															
CHARLESTON WB AP	MAX MIN	34 27	39 24	38 29		38 32		59 29	52 30	33 28		35 27		33 30	31 13	20	19 10	2 B 7	29 14	17 10	16 20					52 15				22 28 8 12	
CHARLESTON 1	MAX M1N	33 27	38 22	41 27	34 24	48 25	40 31	50 22	63 24	52 25	31 26	32 25	42 27	44 30	35 20	26 7	26 7	22	33		23 2				36 22	41 10	59 12	40 21	35 8	38 29	
CORTON	MAX M1N	35 6	39 20	37 28	42 25	41 35	45 32	61 29	53 27	36 28	32 27	38 28	44 33	41 32	33 20	22	21	2 9 7	31 18		19 22 13 14	30	34 17	34 24	36 18	58 10	39	37 22	33 5	28 34	
OUNLOW 5 E	MAX M1N	33 25	39 24	36 29	39 24	37 31	43 27	55 31	50 31	33	32 24	37 24	40 32	36 29	30 18	18	19 5	2 8 5	25	18	15 20			30 20	34	52 28	50 31		31 11	28 27 5 11	
HAML IN	MAX M1N	33 30	38 20	42 27	35 24	47 24	40 29	50 22	63 22	52 28	32 29	32 25	41 30	33	34 24	25 5	24	22	32		22 22		29	33 25	35 22	41 8	58	42 24	34 9	37 28	
HCG5ETT GALLIPOLIS OAM	MAX M1N	33 30	36 24	3 q 3 3	33 27	40 23	39 32	45 26	58 25	42 30	30 27	2 7 2 7	37 29	37 31	33 24	25 8	22	20 6	26		16 16		24	27	29 25	34 14	53	39 18	29 10	31 23	
HUNTINGTON FEO BLOG	MAX MIN	37 29	42 27	35 30	45 29	37 35	50 33	62 34	51 35	35 30	33 30	39 29	41 34	35 31	31 15	24 10		32 10	28 13	19 5	21 26			32 25	3 8 2 6	56 33	42 31	31 22		28 31 9 16	
HUNTINGTON WB AIRPORT	MAX M1N	36 28	41 24	35 29	43 25	35 32	46 28	60 33	5 2 3 1	32 26	29 26	36 25	39 31	3 <i>2</i> 28	28 11	21	21 6	27	26 11		17 19			29 20	35 22		42 30			21 29	
LOGAN	MAX M1N	34 31	37 25	43 27	37 27	45 27	42 33	48 26	56 26	52 31	33 28	35 28	45 31	46 36	3 8 2 8	30 12	23 8	24 7	32 7	30 11	24 24			35 25	39 25	42 17	58 17	40 28		38 31 10 9	
LCNOON LOCKS	MAX M1N	39 29	35 24	41 26	42 30	28	41 34	48 30	60 29	53 30	34 28	31 30	41 31	41 30	30 13	21 14	19		30 12	21 6	12 23		33 21			37		37 27	31 13	34 26 11 9	
MAO1 SON	MAX M1N	33 30	37 23	43 28	36 26	43 26	40 33	44 25	55 26	52 31	33 28		45 30	44 35		29 9	23	2 1 5	32 5	29 12	21 19	23	30	35 25	33 25	37 14	55 17	39 26	33 9	34 26	35.2
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Continued									ע	AI	LY	T	FIV	IPE	K/	ATI	UK.	ES													ECEM		
Station																Day	Of M	onth					, ,										rage
	Luav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
PCINT PLEASANT 5 NNE	MAX	28	42 24	39 30	23	39 31	30	25	54 26	35 27	27	34 26	38 31	35 29	31 15	21 5	8	27 6	27 14	17	0	_ 4	<b>-</b> 27	31 19	32 25	35 21	53 16	34	16	8	29 1	7	34.7 17.7
RAVENSWOOD OAM 22	MAX	38	40 27	40 31	26	41 32	46 32	29	60 32	35 27	30	38 28	40 29	39	32 17	23 7	22	23	28 18	7	0	- 5	- 5	31 19	32 26	35 24	55 24	53	40 12	33 7	32 0	31	35.8 18.2
RIPLEY	MAX	39 30	40 25	39 30	45 23	40 32	49 29	63	60 28	35 27	32 27	36 27	40 32	39 31	33 17	23 6	7	28	28 8	20 7	- <sup>22</sup>	25 - 7	30 - 5	31 18	33 25	38 23	56 7	54 25	40 11	34 5	°28 - 2	32	36.6 16.5
SPENCER	MAX	35 29	37 24	37 29	40 23	38 31	43 30	61 30	57 33	34 24	32 25	34 30	41 31	38 30	31 16	18	19	26 5	28 16	17 8	18	21 4	26 4	30 20	32 23	35 25	56 15	53 32	36 17	33 5	28	30 9	34.3 18.8
WAYNE 2	MAX	35 29	40 20	45 28	3 8 2 1	47 23	45 28	42 24	62 28	47 28	33 28	33 24	42 30	43 32	35 24	25 4	25 2	25 1	27 1	22 4	12 5	7 6	21	26 2	25 25	30 25	40 8	45 9	37 14	29 10	24 2	28	33.4 16.2
WILLIAMSON	MAX	35 32	3 8 2 6	44 28	37 27	46 28	40 29	51 25	60 26	43 32	34 29	36 26	45 32	46 36	37 30	30 9	24	26 6	34 7	31 7	26 6	23 3	28 3	35 5	33 25	38 21	45 13	62 13	42 28	36 12	41	33	38.0
WINFIELO LOCKS	MAX	35 31	38 28	41 30	35 29	46 26	40 32	49	62 29	52 30	32 27	32 26	41 29	42 32	41 26	2 7 8	23	21	30	29 10	19	20	25	29	31	32 25	39 19	58 20	41	32 13	35 7	27	35.6 18.9
CENTRAL 04								,																									
ARBOVALE 2	MAX MIN	30 22	33	31 27	33 12	33 28	39 24	52 17	43 18	31	28	34 14	37 28	37	35 13	19	19	23 - 5	20 10	17	15	21 - 2	28	26 11	29 17	36 16	49 18	42 28		31	27 <b>-</b> 9	26 -10	30.8
BAYARO	MAX M1N	26 22	38	32	31	33	33 16	48 11	45 18	34	34	30 21	36 26	34	30 11	13	16	19	24 12	13	10	14	28	22	26	27 15	49	46	29 17	25	20	26	28.7
BECKLEY V A HOSPITAL	MAX	30	38	34	38	35 30	42	57 19	45 27	29	28	38	41	37	31	17	19	30	28	18	15	20	30	26 19	28	35 21	51 11	46	30	30	28	24	32.2
BECKLEY WB AP	MAX	30	39	32	36 17	34	42	56 31	44	27	27	36 21	40	36	29	14	17	27	27	16	14	19	32	25	27	33	50	38	29	28	25	24	30.7
BIRCH RIVER 6 55W	MAX	35	40	35	37	38	41	55	48	35	22	35	40	36	31	5	,	27	29	19	11	- 3 21	28	19	29	31	28 54	37	13 26	7	5	36	15.6
BRANOONVILLE	MIN	20	29	34	30	32	35	32	52	18	27	23	31	36	31	20	12	19	22	22	10	- 8 10	16	26	26	26	32	49	32	24		18	13.8
BUCKEYE	MIN	34	30	35	36	23 35	41	52	18	32	32	35	39	40	40	23	22	7 27	28	18	17	- 1 24	- 1 27	30	35	21 37	17	31 45	18	5 31	3	28	33.0
CANAAN VALLEY	MIN	25	7 34	28	30	26 29	30	14	17 42	22	18	28	30 36	32	16 30	6	10	- 3 17	20	9	- 1 7	- 5 11	20	10 25	20	22	<b>-</b> 5	40	20		18	27	12.6
ELKIN5 WB AIRPORT	MIN	30	7 36	35	35	34	39	18 57	22 47	16 30	28	16 35	23 40	36	6 30	- 1 16	17	5 25	7 28	1	- 5 13	- 2 20	28	3	16	16 29	18	42	12	8	- 1 24	32	10.0
FLAT TOP	MIN	23	7	25 34	21	20 34	20 31	19	24 52	22	23	23	31	38	9 35	22	10	10	11 27	5 22	2	- 2 10	- 9 17	14 29	20	13 25	9 35	28	11 33	7 26	3 27	- 1 26	13.6
HCPEMONT	MIN	19	11	13	12	18	23	24	31 48	22	19	20 34	24 36	29	22	2	3 15	1	20	1 16		- 3 14	- 3 24	1 24	16 20	15	18	32	23	8	10	6	13.4
MC R055	MIN	24	18	20 34	39	35	26	24 55	26	18	18	18	39	37	10	0	17	6	12	- 5 17		- 2 19	- 8 35	12	16	16	20	50	26		- 4	- 8 27	12.0
OAK HILL	MIN	24	6	25	18	29	26 37	26	25	22	22	23	31	30	14	5 27		- 3 20	31	5 27	21	- 4 17	- 7 25	16	18	15	36	26	20	1 34		- 1 29	13.9
	MIN	25	17	20	22	22	29	25	24	27	24	25	26	32	26	8	8	2 23	27	5	2	- 3	- 4	2	20	19	21	27	23	6	5	4	15.8
PARSONS 1 SE	MAX	25	14	28	20	28	25	19	22	24	24	24	29	36	33 15	6	11	12	15	8	13	2	- 5	11	19	23	7	30	33	6	11		31.5
PICKENS 1	MAX	28	37 9	22	18	32 26	38 17	51 21	45 24	28	25 19	20	31	38	30 7	12	7	7	9	12	- 9	-11	-10	7	18	28 18	51 15	27	12	29	0	0	30.7
RICHWOOO	MAX	28	32 14	35 25	39 21	36 30	43 28	55 20	29	32 22	25 22	37 23	38 33	37	33 13	14	17	29 7	13	16	- 1	20 -11	34 7	32 13	30 18	29 14	54 11	50 26	31 20	31 5	29 5	33	32.4 15.3
RCWLESBURG 1	MAX	32 27	35 16	36 28	35 20	35 29	38 26	49 19	51 25	32 26	28 25	35 25	40 31	35 32	32 13	15 7	20 16	25 13	26 15	16	13	19	28 - 4	28 12	29 23	30 24	53 11	37 29	34 18	2 8 5	24 11	30 - 1	31.2 17.1
SPRUCE KNOB	MAX	25 20	26 16	38 25		34 16	32 22	40 23	53 37	40 22	22 17	23 18	32 22		36 20	22	14	11	22 5	22 4	12 - 2	10 - 2	18 2	25 9	25 15	19 16	34 17	40 19		34 10	19 5	22	27.5 13.8
WFB5TER SPRINGS 1 E	MAX	32 27	39 15	36 29		37 29	38 29	44 24	50 29	33 25		38 26	42 33		34 16	17 9		25 13	30 17	18	14	19 - 6		37 14		32 22	54 13	48		31	28 10	36 6	33.1 18.4
SOUTHERN 05																												İ					
ATHENS CONCORO COLLEGE	MAX MIN		40 15	35 25		37 30	44 29	55 34	53 24	28 24		35 22	40 32		3 8 2 1	26 6	17	26 1	28 12	1 7 3	15 1	20 <b>-</b> 2	23	31 6	28 10	33 16	47 25	44 26	37 23	27 11	29 7	27	32.8 16.8
BLUEFIELO FAA AIRPORT	MAX MIN	2 8 2 3	39 22	32 23		33 28	41 26	55 34	45 25	26 22	27 22	35 22	41	40 30	31 10	14	14	28 5	26 7	17	12	20	31 5	24 18	25 17	32 19	47 30	39			25 11		30.4 17.4
BLUESTONE DAM	MAX	33	36 19	36 19	37 26	42 27	39 32	44 22	48 23	49	34 26	33 28	40 30	43	44	31	22 12	21	30	32 12	23	20	26 4	32 5	30	33 19	39 7	55	39 27	35 10	35 5	29	35.2 17.6
GARY	MAX MIN		36 21	44	35 26	45 25	39	48 22	61	50 28	34 28	34 22	42 29	45 35	40 29	30 12	20	22	35 2	31		19	25 - 2	39	34	36 13	39	57	36 23	34 13	35 7	32	36.7 16.1
KCPPERSTON	MAX MIN	32 26	36 18	36	36	37	39	43	48	33 25		38	42	38	34	19	16 10	27	29 15		18	22 - 3	29	32	31	32	48	41	34	30	27	31	32.6 17.8
LEWISBURG 2 55W	MAX	34	30	31	38	38	40	52 20	42 27	30 25	32 24	36 26	42 32	43	40 18	19	20	27	28 15	20	17	22	31	28	30	34	51	47			29	24	32.8 17.4
PINEVILLE	MAX	25 31 28	16 35 20	35	35 24	42	39	45 21	55 22	48	32	33 23	41 26	42 32	38	30 13	18	18	31	30 10	21		25	36	32	35 15	39	49	37	32	32	34	34.5
UNION	MIN	30	36	35	34	40	36	43	59	45	31	32	37	41	40	28	21	21	29	30	21	18	26	33 10	28	31	37	53	36	35	33	27	33.7
WHITE SULPHUR SPRINGS	MIN	36	32	35	42	50	29	19 58	26 46	34	25	37	41	30 41	41	22		30	29	23	19	22	34	31		37	55	48	34		30		35.3
NORTHEASTERN 06	MIN	26	12	28	19	30	30	18	22	26	26	26	32	30	18	8	11	0	16	9	3	4	- 2	16	21	25	2	30	25	5	5	0	16.8
BERKELEY SPRINGS	MAX		36			40			44			34											31										35.3
	MIN				26		20	16	20	30	30	30	30	25	17	14	15	15	17	13	8	12	12	12	24	29	13	36	25	16	12	- 2	20.2

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																Day	OI M	onth															8
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	45 0 0
FRANKLIN 2 NE	MAX MIN		40 17			36 30				35 26				43				29															34.1 14.0
HARPERS FERRY NAT MON	MAX	42 28	39 24	38 31		41 26		49 23				3 B						32 11			29												38.2 19.5
KEARNEYSVILLE 1 NW	MAX M1N	39 28	37 24	35 30				40				3 H 3 O				33 14																	35.2 19.6
KFYSER	MAX MIN																																
MARTINSBURG FAA AP	MAX M1N	36 26	37 23	38 29			42 21				39 29														37 19								35.1 18.8
MATHIAS	MAX MIN	34 24	3 A	35 30							37 25								31 17		18												33.8
MCOREFIELO MCNEILL	MAX M1N	35 24		36 30		40 25	19				39 30							30 2						31 10									36.5 16.5
0MPS	MAX MIN	37 29	40 26	38 27		38 26	36 21		49 23	48 24				41 26									24 12		23 19			51		36 26			34.4
PF TERSBURG	MAX M1N	36 27	40 23	3 R 2 9		41 29					39 28													25 12									37.8 18.7
PIEOMONT	MAX MIN	30 24	32 22			38 22					30 22													3 2 1 8									32.2
RCMNEY 3 NNE	MAX M1N	36 31	35 20	36 30		41 25	20		3 9 2 0	37 29	37 30			41 26					36 17		22				38 22						30 12		36.0 18.8
WARDENSVILLE R M FARM	MAX MIN		37 23					19			37 29													32 4									36.8 16.6

## SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p. h.		Relati	ve hum	idity ave	erages		Numl	oer of d	ays with	precip	itation			inset
Station	Prevailing	percent of thme from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	6010	10-49	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
SECKLEY WB AIRPORT	WNW	18	7.9	25++	SE	31	80	83	75	77	10	7	4	° c	1	10	22	-	7.0
CHARLESTON WE AIRPORT	SW	23	6.8	23++	WNW	18+	82	83	70	69	12	4	4	1	0	0	21	-	7.0
ELKINS WB AIRPORT	W	15	7.8	35++	WNW	18	85	84	67	75	13	8	6	0	0	0	27	~	8.0
HUNTINGTON WB AIRPORT	WSW	18	6.9	22++	WSW	8	78	86	73	70	7	5	4	0	0	0	16	~	6.8
PARKERSBURG W8 C1TY	-	-	7.1	30	W	18	-	-	-	-	10	4	5	0	0	0	19	33	-

March   Marc										_							Day	of m	nonth					_								DLK	1963
Control   Cont	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	T		1	F	19	20	21	22	23	24	25	26	27	28	29	30	31
Secretary Control of the control of	NCRT-WESTERN 01																																_
PARKESSANDE SALES AND AGEN T T T T T T T T T T T T T T T T T T T	CRESTON 1 55W		1	т									1									2			3.5	4.0 R	8	6	5	3	т	т	т
RAMESTATION OF THE MOMENTS OF TOTAL TO THE PROPERTY OF THE PRO	NEW MARTINSVILLE				т	т				Т	0.8		1	T						1.6		T 1	1	1			5	5	4	3	2	2	2
ENTRY ON SHOULD IN STANDARD IN TO TO BE TO THE STANDARD OF STANDAR	PARKERSBURG FAA AP	SNOWFALL SN DN GND				1	T			0.8	0.4		T		T		т	T	T	1.0			7	1			5	4	Ţ	Ţ	т	,	т
Secretary Secretary 1 of 1 of 1 of 1 of 1 of 1 of 1 of 1 o	PARKERSBURG WB CITY					т	т			0.3	0.7	1	T		T		т	Ţ	т	1.2	T 1	T 1	۲	т			5	4	т 1	т	Ŧ	т	т
RESTANCE NOTES AS ON GOLD 7 T T T T T T T T T T T T T T T T T T	wElRTON	SNOWFALL SN DN GNO	T			т	т	т		T T				2.5	1	1		1	1		7	3			4.5	1.0		2		0.5	T 2	2	2
REMONSHILE  SHOW AND CALL  SHOW AND	WHEELING WARWOOD OM 12		- T	-	- T	- T	- T	- T	- T	-	-1	- 1	- 1	-1	-	- 1	- 1	- T	- T		- 2	- 2	- 2			- 7	- 6	- 6		-1	- 1	- 1	-1
SECURILE STORMAN 2.5 2 2 2 7 7 7 1 2 1 2 2 7 7 7 7 7 7 7 7 7	NORTH CENTRAL 02																																
CENTRAL DA  SOLICATION  SOLICA	BENSON	SNDWFALL SN DN GNO	-	- ,		-	-	-	-	-		-	-		-	-	_	-						-	5.5	-	-			-	-	_	-
SOUTHWESTERN 03  SOUTHW	BURNSVILLE			2			2	т					2	т	т				0.5				2	2		3.0	7	6	5	3	2	2	2
SOUTH-ESTERN 03  CHARLESTON 48 AS DEPORT SOURCE TO THE TOTAL THE TOTAL	GLENVILLE		- 4	-		- 1	-	-	-	-			- 2	-	-	-	-	-	-	- 1	- 3	- 2	- 2	- 2	- 6	- 8	- 8	-,	- 6	- 5	-4	-4	- 3
SCUT-ALSTERN 63  SCUT-A	MANNINGTON 1 N					1,	1	T					1	T					Ţ				2	2				3		7 2	2	2	2
CAPICATION WE AP  SHOP AGE	MORGANTOWN FAA AIRPORT	SNOWFALL SN ON GNO	т	т	т	T1	T 1			т	0.2		7 2	т		т	T	Т				т_1	T T		3.0	т	2	2		T	т		
SUPPRINCE NO. 600 3 1 7 7 7 7 7 7 7 1 1 1 1 7 7 7 7 7 7 7	SCUTHAESTERN 03																																
SHOPERIL S. NON-SELL S. NON-SE	CHARLESTON WB AP	SN DN GNO				т	T			1.0	8.0		т			Т						T 1	1	т		5	4	3	т	т	т	т	0.1 T
MACISON SNOFALL 10 T T T T T T T T T T T T T T T T T T	CLAY 1	SNOWFALL	- 1	-	-	-	-			-	-	:				:		-	:	:	-	-	:		- 6	-	-		-	-	-	-	-
MACISON  SHOP-FALL  AND ON KON CON 2	HUNTINGTON WB AIRPORT	SNOWFALL SN ON GND	T				T			Т	0.5			T		T		T		1.0	1	1	т	т	2	6	4	4	1				
CENTRAL OA  ARBOVALE 2  SMOFFALL 3.0 T	MAOISON	SNOWFALL	2	1	1							1	1							0.5	1.0				- 6			4	2	1	1		
APBOVALE 2  SNOWFALL 3.0 0.0 1 1.5 1.0 0 5 4 3 2 2 1 1 1 7 7 7 1.0 0.5 1.0 2 2 2 1 7 7 7 1.0 1 1 1 4.0 6.0 7 15 11 17 7 7 7 1 1 1 1 1 1 1 1 1 1 1	winfield Locks		- T	- T	-	-	-	-	-	-	- 1	- 1	- T	-	-	-	-	-	-	- T	- 1	- 1	- T	- T	- 2	- 5	-4	- 3	-	-	7	- T	- T
BAYAR)  SND-FALL 1.0 1 1.5 1.5 1.5 1.6 5 4 3 2 5 5 10 8 6 5 4 4 6 5 5 1 7 7 7 1 1 1 1 1 1 5 13 12 10 9 8 8 8 8 8 8 8 8 8 8 9 8 9 8 9 8 9 8	CENTRAL 04																																
CAMDEN DN GAULEY  SND N GAO  CAMDEN DN GAULEY  SND N GAO  SND N GA	ARBOVALE 2	SNOWFALL SN DN GNO				1	1	т	т	т			1	1.0	2	2	1	т	т	T		1	1	1	4.0	8.0	12	10	9	8	8	8	8
EKKING WE AIRPORT   SNOWFALL   1.3   0.6   1.1   7   7   7   7   7   7   7   7   7	CRAYAB						5	4	3	2				6	5	4		T 4	0.5			Ť	9	9	1.0	6.0		15	11	T 11	T 11	T 11	T 11
Sh DN 600 5 3 2 2 2 2 1 1 1 7 1 2 2 4 4 2 7 7 1 7 7 1 7 7 3 2 1 1 2 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CAMDEN DN GAULEY						2	2	1	1		8.0		1	т			2.0	T 1	τ	6.0	2	2	2			5	4	3	2	2	1	1
MC RDSS SNDWFALL T 1.0 2.0 5 5 5 6 4 3 2 1 T 2 4 4 2 T 1 1 1 1 1 1 1 3 3 3 3 3 7 12 12 10 6 5 5 5 5 5 6 6 6 7 5 5 3 2 T 7 3 3 7 3 1 1 T 1 1 1 1 1 1 2 2 1 3 3 3 3 3 7 12 12 10 6 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6	ELKINS WE AIRPORT	SN DN GNO	5	3		2	2	T 1	1		1.7	3			т						3	2	T 1	1	2	5	5	4	T 1	T 1	T 1	0.1	T 1
SND 6ND 6 6 6 7 5 3 2 7 T 3 3 1 1 T T 1 1 2 2 3 3 3 2 2 1 1 1 0 1 0 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	FLAT TOP	SNDWFALL SN DN GND	- 5	<b>-</b>	- 5	-4	- 3	- 2	- 1	- T	- 2	- 4	- 4	- 2	- T	- 1	- 1	- 1	- 1	- 1	- 3	- 3	- 3	- 3		12	12	10	- 6	- 5	- 5	- 5	- 5
SN DW GND 4 3 2 3 2 2 1 7 T T T T 3 2 2 1 9 10 9 8 7 7 6 6 6 6 8  RDWLESAURG 1 SNDWFALL 1.0 T 5 5 5 5 3 3 2 2 7 2.0 4.0 T 6 3 1 T T T T T T 4.0 T T T T 0.0 6.0 T 10 10 5 T 4 T 4.0 T T T T T T T T T T T T T T T T T T T	MC RDSS	SNOWFALL				5	3	2	т				1	1	т			1.0	2		3	3	2				. 10		6	6	6	6	
RDWEFSRURG 1 SND#FALL 1.0 T T T T T T T T T T T T T T T T T T T	OAK HILL		4	3			2				1.0	1.0	2			T	T	T	т	т	2.5	2	2	1	8.0		9	8	7	7	6	6	6
SPRUCE KNOB  SND#FALL SN DN GNO T 5 8 8 9 8 8 6 4 5.0 4.0 10 10 12 10 9 10 1.0 1.0 T 4.0 1.0 1.0 1.0 1.0 1.0 1.0 2.0 20 28 27 23 20 18 17 17 21  SOUTHERN 05  BLUEFIELD FAA AIRPORT SND NFALL SN DN GNO T T 1 1 T T T T T T T T T T T T T T T T	RDWLESRURG 1	SNOWFALL SN DN GND	1.0				3	3	2	т				3	1	т	т	Ť			4.0	7	4	4		6.0		10	5	T_4	4	7	4
SOUTHERN 05  BLUEFIELD FAA AIRPORT SNDWFALL 1.0 0.5 0.1 2 T 1 1.0 1.0 T T 1 1.0 T T 1.0 T T 1.0 T T 1.0 1.0 T T 1.0 T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T 1.0 T T	SPRUCE KNOB	SNOWFALL SN DN GNO	4.0	1.0			8	8	6	4		4.0	10		10	9			1.0	T 12	4.0	1.0	1.0	15	6.0	8.0 28	27	23	20	18	17	17	
SN DN GNO 1 1 2 2 1 T 1 2 1 0 1 T T T 0 0 1 T T T 0 0 0 1 T T T T	SOUTHERN 05													ł				П															
SN DN GND T T T T T T T T T T T T T T T T T T T	BLUEFIELO FAA AIRPORT	SNDWFALL SN DN GNO	1.0	0.5		2	T 1			1.0	1.0		T 1		T	1.0	T			1.0	1.0	T 1		Т	A.0		7	5	T 4	3	2	7 2	1.0
PINEVILLE SNOWFALL SNOWFALL T T T T T T T T T T T T T T T T T T	BLUESTONE DAM				1.0	т						т						T	Т		T	٦				4.0		8	7	7	6	6	6
SN ON GND T T T T T T T T T T T T T T T T T T T	LEW15BURG 2 55W	SNOWFALL SN ON GND	т	1.0	т					Т	T				Ŋ		И			0.3		М				q	8	7	6	6	6	6	6
NDRTMEASTERN 06  BRUSHY RUN  SNOWFALL T T T T T T T T T T T T T T T T T T	PINEVILLE	SNOWFALL SN ON GND	т	т	т		т	т			D.5	1				1.0	Ţ		T		1.0			т	9.0		9	я	8	6	4	3	3
BRUSHY RUN SNOWFALL T T T T T T T T T T T T T T T T T T	wHITE SULPHUR SPRINGS	SNOWFALL	1		т			т	т																6.0		8	7	4	3	3	3	3
SN ON GND T T T T T T T T T T T T T T T T T T T	NORTHEASTERN 06																																
SN ON GND T 13 10 9 6 4 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	BRUSHY RUN	SNOWFALL SN ON GND			T							T									T						10	8	Т	т	T	Т	т
SN ON GNO T T 2 1 T 1 T T T 1 10 10 9 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MARTINSBURG FAA AP					1					Т		T			T								,		13	10	В	T 6	4	3	3	3
	MATHIAS	SNDWFALL SN ON GNO	Ť	т	2.0	1	T				1.0	T	т	1.0		Т				T	-	1		1	12.0		9	6	4	4	4	4	4
	MODREFIELD MCNEILL	SNOWFALL	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	-	-	-	-	-	-	-

Continued

## SNOWFALL AND SNOW ON GROUND

WEST VIRGINIA DECEMBER 1963

Continued		_																												10 4 6 1-	1835: 44	1 .347 3
Pa																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PIEOMONT	SNOWFALL SN ON GND			0.5 T	T	ī				1.0	0.2		2.0	Ť	T	ī	7	7	T T	T	T	T	T	1.0	9.0		3	2	2	2	2	,

				Ten	pero	ture											Preci	pitotion					
										٨	lo. of C	ays						Sno	w, Sleet	1	И	o. of	Ooys
Station	, E	. 5		rture Narmal					Days	М	ıx.	Min			e Fi	Day			epth		Mare	Mare	Mare
	Average Maximum	Average Minimum	Average	Departu Fram No	Highest	Date	Lawest	Date	0	90° or Above	32° or Below	Below	Below	5	Departure From Normal	Greatest	Date	Total	Max. De an Gravi	Date	.10 ar M	.50 ar M	1.00 or A
AUGUST 1963																							
HUNTINGTON FEO BLOG	84.0	64 • 2	74.1	- 2.0	93	3	57	12	0	3	0	0	0 2	•63	66	•73	19	•0	c		6	2	0
SEPTEMBER 1963																							
HUNTINGTON FEO BLOG	78.8M	54.2	66.5M	- 3.4	89	12+	40	31+	59	0	0	0	0 1	•31	- 1.61	1.30	12	•0	c		1	1	1
OCTOBER 1963																							
KOPPERSTON Wayne 2 West Union	м м м	м м м	м м м		85	19	26 22 25	31 30 31		000		000	0 0 0			•31	28	.0					0
NOVEMBER 1963																							
CORTON HUNTINGTON FED BLDG	58.1 58.3	31.3 39.2	44.7	2.1		18+	15	24 25	602 480	0	0 1	6	0 3	.34	27	1.41	29	1.0	c		8	2	1
MEST ANION	55.9	33.8	44.9			18+		25+		ŏ	0 1	5	0 3	.04	•••	1.23		2.5	3	29	5	2	i

## DAILY PRECIPITATION

Station	Total														Day	y of N	ionth																
Station	To	1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AUGUST 1963																										***							
HUNTINGTON FEO BLOG	2.63					•19			.1	6	. 38	• 02	2	Ŧ	.46						•73	.02					•02				.65		
SEPTEMBER 1963																																	
HUNTINGTON FEO BLDG	1.31					٢	T							1.30	-01															T	T	Ť	
OCTOBER 1963																																	
KOPPERSTON WAYNE 2 WEST UNION	Ē	=	:	-		-	=	-	-	-	:	Ξ	-	Ξ	Ξ	Ē	Ξ	:	:	-	-	-	-	-	-	-	-	-	-01	- 31	•04 - •03	-	- :
NOVEMBER 1963																																	
CORTON HUNTINGTON FEO BLOG WEST UNION	3.34 2.37 3.04	T	5 T	2		т	.60	•65 •08	T	2 D T			•01		T T	• 03 • 02 • 05		т		.04 .05		T T •05	T •0:	.01	• 34 • 34			•13 •09 •07			1.41 1.18 1.23	T	:

### DAILY TEMPERATURES

																Day	Of M	onth															e D
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
AUGUST 1963										_																							
HUNTINGTON FEO 8LOG	MAX MIN	89 68	90 61	93 70	86 71	88 63	84 64	84 70	88 68	88 64	80 64	82 61	84 57	84 67	87 60	74 58		85 63			76 66	86 65	87 64	89 63	87 66			84 61	90 62	76 73	86 67		84.0 64.2
SEPTEMBER 1963																																	
HUNTINGTON FEO 8LDG	MAX MIN	55	49	68	75 67	77 62	78 58	81 55	83 57	85 60	85 64	89 60	89 66	67 58	77 58	82 55	85 59	83 56	85 55	85 53	86 58	70 59	70 51	69 45	72 41	78 40	82 44	79 47	71 47	75 49	70 44	78 40	78 • 8 54 • 2
OCT08ER 1963																																	
KOPPERSTON	MAX																		80 36		75 40	77 44	76 42	75 49	79 52	76 46	77 46	77 46	65 52	63 38		65 26	
WAYNE 2	MAX MIN																	84 34		84 35	85 47	83 40	83 39	84 40	85 41	84 43	83 45	85 45	80 56	71 34		61 23	
WEST UNION	MAX MIN											82 63	73 42	73 29	79 30	82 31	81 32	82 36		85 38	81 39	80 42	81 39	82 40	84 42	83 43	84 45	74 52	68 48	55 32	55 27	61 25	
NOVEMBER 1963																																	
CORTON	MAX M1N	57 28	49 27	51 24	58 22	54 42	60 47	58 45	56 45	68 30	68 30	63 35	51 23	44 23	40 25	52 34	57 28	74 30	74 38	60 43	65 33	67 33	72 26	69 33	50 15		53 34	68 35	61 33	55 29	35 28		58.1 31.3
HUNTINGTON FEO BLOG	MAX M1N	65 42	47 35	55 31	61 32	56 48	59 49	57 50	61 44	65 37	69 36	61 38	50 37	40 33	43 35	54 36	60 34	73 45	72 45	62 40	68 40	65 57	74 49	66 37	48 30	56 27	53 37	61 45	60 41	52 35	36 32		58.3 39.2
WEST UNION	MAX M1N	51 44	45 26	51 24	55 23	56 44	60 51	57 49	51 41	64 34	67 29	59 34	49 25	41 19	39 33	50 34	53 25	72 32	72 41		65 27	6 9 50	68 42	62 45	58 32	50 19	54 23	57 36	58 32	49 32	35 29		55.9 33.8

STATION	g b	LATITUDE	ONGITUDE	OBSERVAT TIME AN TABLES	ID.	OBSERVER	STATION	g M COUNTY	AGE :	TUDE	30017	моци	TI	ERVA ME A		OBSERVER
SIRIION	COUNTY	DRAINAGE	DNOT	ELEV.	TYDOUS	OBSERVER	SIMILON	E COUNTY	DRAM	2	LONGIT	N. C.	100	Preced	SPECIAL	000000000000000000000000000000000000000
ALBRIGHT ALDERSON ALRENA 1 NH ARBOYALE 2 STHENS CONCORO COLLEDE BATARD BECKLEY V A HOSPITAL BECKLEY WA AP BELINGTON BELLEY LILLE DAM 20	00% PRESION 0102 MONROE 0143 RANDOLPH 0249 ROCAMONIAS 0351 MERCER 0321 DRANT 0402 RALEIGH 0402 RALEIGH 0403 BARBOUR 0645 MOOD	2 39 29 7 37 44 2 39 55 7 38 20 7 37 27 9 39 16 1 37 47 1D 39 02 8 39 09	T9 38 8D 38 T9 4D T9 49 81 D1 39 22 81 11 81 07 T9 56 81 45	1219 7A 1555 7A 1555 7A 1020 78 8A 6000 3P 3P 2373 78 7A 2310 6P 8A 2704 MID MID 1679 7A 7A	н	MONONUARIELA POWER  RASSIE L. SIMS OMIR S. SMITH MRS. NETTIE R. SHEETS CONCORO COLLEGE HUMARO R. FULK V. A. HOSSITAL U. S. MEATHER BUNFAL OF ORGER R. HILLYARD CORPS OF ROGINERS	MARLINION MARTINNOURD FAA AP MARTINNOURD FAA AP MARTINNOURD FAA MATORA M	9672 POLAHONTAG \$707 BERRELEY \$713 BERRELEY \$739 HARDY \$747 MERCER \$747, MARSHALL \$543 TYLER \$163 HARDY \$164 HARDY	9 9 9 1 1 6 4 8	3R 13 19 24 39 20 38 52 37 25 37 39 37 59 37 59 39 29 39 09	80 05 77 59 78 92 81 15 80 44 80 45 80 53 78 58 78 54	935 2580 655 2445 750 830	4P 1V	6F 7A 7A 6R 7R	f "	FILL A. UMBY FID. AVIATION ACENTY FID. AVIATION ACENTY UNDERSIL L. PRISHFLL VIRGIL L. PAIDIAG BAT G. TROMPSON FORDS OF ENGINEED FLOTTE D. ARTER JOHN B. FRUNKLIST NEG. ZELLA M. VEITER NAS. JOHN W. SAVILLE
BELVA  GENSON  GENS RUN 1 55E  BERKELLY SPRINGS  GIRCH RIVER 6 55W  BLUEFIELD FAA AIRPORT  BLUESTONE DAM  GRANCHLAND  BRANDONVILLE  BRUSHY RUN	Deel NICHOLAS 0679 MARRISON DEBT TYLER 0710 MORGAN US44 NICHOLAS D921 MERCEP D939 SUMMERS 1079 LINCOLN 1081 PRESION 1204 PROLITON	4 30 14 10 39 09 0 39 28 9 39 37 4 30 25 7 37 10 1 31 39 3 38 13 2 39 40 9 38 90	81 12 80 33 81 00 78 14 80 47 81 13 80 23 82 12 19 31 19 15	TAB TAI D80 4P 4P 640 8A 8A 8A 64D 6P 6P 6P 1885 6R 6P 6P 1885 6A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A 8A	н	RAYMOND E. PHILLIPS CLARKSBURG WATER HOARD ROBERT N. HALL H. M. RUPPINTHAL. III SOUTH ASTERN GA'S CO. FED. AVIATION AGENCY CUMPS OF ENGINEERS DERYL L. WINTERS VAR. L. GALLOWAY JOHN B. SHREVE	MUNGANIOWN FAR AIRPORT MUNGANIOWN LOCK AND DAM MOUNDSYLLE MT 510RM NAOMA NEW CUMBERLAND NEW MARTINSYLLE OAR HILL OMP3 PARRERSBURG FAR AR		6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	39 18 39 37 39 34 39 17 37 52 40 30 39 39 39 30 39 31	79 59 79 58 80 45 79 14 81 29 80 52 81 09 78 17 81 26	825 620 2845 1210 750 637 1991	SR AR AR AR AR	TA SP 8A 6P 7A TA	E H	FED. A FIRETON AGEN Y COMPS OF ENCINTERS MOUNDAY LILE STRACE PLT MMS. ELLELD MINNIES WIRGLE GO. #FOR #ILLIAM B. MORRAY OR. J. # ANKERM MILLS M. MARTIN MKS. E. M. HOVEPMALE U. 3. MIATMIR BUREAU
BUCKEYE BUCKHANNON 2 M BURNAYILLE CAIRO 3 O CAMDEN ON GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTON M8 AP CMARLESTON 1 CLARK SRUNG 1	1215 POCAHUNTAS 1220 UPSMUR 1202 BRAXIDN 1328 RICHIE 1363 WEBSTER 1363 WEBSTER 1363 WEBSTER 1363 ROARINA 1364 KANAWHA 1375 KANAWHA 1375 KANAWHA	7 38 11 10 39 00 5 38 52 5 39 10 4 38 22 2 39 03 4 10 38 4 38 22 4 30 21 6 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	2100 5P TA 1A45 6P 6P 1TO 7A 680 6P TA 2100 7A 3250 6P 6P 1250 7A 939 MIO MIO 600 9A 9A 9T7, MID MIO MIO		MISS ILEAN WALTON OR. ARTHUR B. GOULD JOHN W. BROWN EUREKA PIPE LINE CO. HOWAND FLETCHER BEN F. THOMPSON JAMES W. LINGER U.S. WEATHER BURCAU W. VA. WATER SVC. CO. HERRY R. GAY	PPAHKERSBURG W8 CITY PAMSONS 1 SE PETERSBURG PHILIPPI PICKEM'S 1 PITOHONT RINCYLLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	6859 WOOD 6867 JUCKER 6954 GRANT 6982 BARBOUR 6991 RANDOLPH TDO4 HINERAL TO29 HYOHING T112 MASON T207 MERCER T352 JACKSON	10	39 16 39 06 39 00 39 09 38 40 39 27 31 39 38 59 31 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	1680 1013 1281 2699 1051	1 8A 7 A 5 P	SP TA TA	Н	JU.S. WEATHER BUPEAU FERNOW LIP. FOREST HAS BESS S- MONG. HAS BESS S- MONG. HAS HAPINE LEAFH HAS HAPINE LEAFH HAS HELL B. AHMSTRONG C. A. SUTER. JP. JAMLS G. HC OEMMIT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. COMPS OF ENGINEERS
CLAY 1 CLENDENIN 1 SW COPTON CRESTON 1 SSW DAVIS DRY CREEK DUNLON 5 E ELKINS WB AIRPORT ELLENBORD FAIRMONT	1696 CLAY 1743 KANAHA 1999 KANAHA 2094 WIRT 2209 TUCKER 2462 RALEIGH 2910 WAYNE 2718 RANOOLPH 2746 RITCHIE 2920 WARION	4 38 27 4 38 29 4 38 29 5 38 56 2 39 08 4 37 52 8 38 02 10 38 53 5 39 16 6 39 28	81 05 81 22 81 16 81 17 79 28 81 28 82 20 79 31 81 D4 80 D8	722 7A 6A 640 6P 6P 6A 648 7A 1A 1312D 1264 7A 650 5P 5R 1970 MID MID MID MID MID MID MID MID MID MID	E H	MRS, SARAH B. FRANKFORT KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL KELLY BROWNING U. 9. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FLITARION PLANT	RENICK 2 S RICHWOOD RIPLEY ROMNEY 3 NNE ROMLESBURG 1 5T MARYS SMITHBURG SMITHVILLE SMOOT SPENCER	7444 GREENBRIER 1903 NICHOLAS 1952 JACKSON 1730 HAMPSHIKE 1785 PRESTON 1817 RLEADANTS 0214 DOODRIDGE 0286 RITCHIE 0295 GREENBRIER 0384 ROANE	1 4	3T 56 38 13 38 49 39 23 39 21 39 23 39 1T 39 D4 3T 53 38 48	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 D9 80 40 81 21	1900 2300 610 640 1375 690 795 846 2456 964	6P 5P 5R 1P	8A 6P 5R 7A 7A 5P	H C C	MRS. MARY V. MC FERRIN OATON C MEBB CITY OF RIPLEY HISS FRANCES VANCE MRS. MADDE C. BOLYARD JOHN M. INGRAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. JOHN P. JONES W. VA. WATER SYC. CO.
FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITMSVILLE MACKER VALLEY	3012 MERCER 3215 PENOLETON 3238 LEWIS 3393 MC DOWELL 3361 BPAXTON 3544 GILMER 3630 TAYLOR 3648 CALHOUN 3749 LINCOLN 3798 MESSTER	7 3T 35 9 38 40 6 39 06 1 3T 22 4 38 40 5 36 56 10 39 21 5 38 56 3 38 14 4 36 39	81 07 19 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59 80 23	3229 TA TA 1900 6P 7A 103D, 1426, 8A, 8A 840 6P 6R, 72T TA TA 1230 5P 5R 130 8A 8A 95D, 8A	H H	FRED E. BOWLING GEORGE D. MANMER (EQUITABLE GAS CO. JAMES KISM W. VA. WATER SVC. CO. LEMIS WOLFE EARL R. CORROTHERS HODE NATURAL GAS CO. POBIN D. MODPE MRS. LELA M. CARTEP	SPRUCE KNOB STONY RIVER DAM SUMMERSYULLE 3 NE SUSTION RESERVOIR TEPRA ALTA THOWAS TPIBBLE TYGART DAM UNION VALLEY BEND	0433 PENDLETON 0536 GRANT 8608 NICHOLAS 8662 BRAXION 8782 PRESTON 8807 TUCKER 6924 MASON 8806 TAYLOP 9011 MONROE 9068 RANDOLPH	10	38 41 39 08 38 18 38 39 39 27 39 09 38 41 39 19 37 36 38 46	79 31 19 18 80 48 80 41 79 33 79 30 81 30 80 32 79 56	3050 3400 1850 835 2581 3010 630 1200 1975 2010	5 7A	8A 7A	TA C	MARPY J. GORDON FRED C. BECKER CMARLES F. GUM CORRS OF ENGINERS CHARLES E. TREMBLY MAS. MARGARET PERKINS MISS NORMA PUTH CASTO CORRS OF ENGINEERS MAS. THELMA SPANGLER MAS. THELMA SPANGLER MAS VIOLET L. L. L. WECKER
HALL HAMLIN HAPPERS FERRY HARREPS FERRY NAT MONHT HASTINGS HICO HOGOETT GALLIFOLIS DAM HOPEMONT HOPMER HOULT LOCK 15	3816 BAPBOUP 3046 LINCOLN 3927 JEFFERSON 3932 JEFFERSON 3974 WETZEL 4200 MASON 4264 RRESTON 4264 RESTON 4281 LEWIS 4309 MARION	10 39 03 3 38 17 9 39 19 9 39 19 8 39 33 1 38 07 8 38 41 11 39 46 6 38 59 6 39 30	60 07 62 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1375 642 8A 8A 405 7A 220 5P 5P- 760 3P 1955 7A 510 7A 7A 7A 2490 5P 7A 1075 4P 678 12M	ķ	MRS.UPAL R. JACKSON d. VA. WAIEP SVC. CO. MISS ELEANOP J. WHITE NATIONAL PARK SEPVICE NOPE NATURAL GAS CO. MRS MILORED E CRIST CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WAIER BOARD COPPS OF ENGINEERS	VALLEY MEAD VANDALIA MARCENSVILLE R M FARM MASHINGTON DAM 19 MAYNE 2 MEBSTEP SPPINGS 1 E MEISBURG 3 NE MESTON MELLSBURG 3 NE MESTON MEST UNION	9086 PANDOLPH 9104 LEWIS 9281 HARDY 9359 WOOD 9323 WAYNE 9333 WEBSTEP 9343 HANCOCK 9368 BROOKE 9436 LEWIS 9450 OODDP1DGE		38 33 38 56 39 06 39 15 7 38 13 38 29 3 4D 24 3 40 18 5 39 02 5 39 16	8D D2 8D 24 78 35 81 42 82 26 8D 25 8D 36 80 35 8D 28 80 4T	2435 1136 966 606 606 1546 1046 666 1026	8A 0 8A 0 5P 0 6P 8 6P 5 7A	7A 6P 8A 7A 8A 7A 6R 6R 7A	С 9А Е Н	RENT SMECKER CLARKSBURG MATER BUARD UNIVERSITY EXP FARM CORRS OF ENGINEERS CITY WATER PRLANT THOMAS W. MOODE C. E. STETSON MISS OORIS J. RFISTER J. ARTHUR HENRY. JR. EARNEST F. SMITH
MUNDRED #WWN1/NGTON FED BLOG HWN1/NGTON WB AIRRORT IAEGER IRELANO JANE LEW KEAPNEYSVILLE 1 NW KEAPNEYSVILLE 1 NW KERNLT KEYSER KORPEPSTON	4369 WETZEL 4368 CABELL 4393 CABELL 4408 MC DOWELL 4476 LEWIS 4559 LEWIS 4763 JEFFERSON 4816 MINGO 4836 MINERAL 4956 WYOMING	8 39 41 8 38 25 8 38 22 1 37 28 6 39 06 9 39 23 1 37 50 9 39 26 3 37 45	80 27 82 37 81 49 80 28 8D 25 77 53 82 34 78 59 81 34	1034 565 MID MID 628 MID MID 1084 IA 1142 5R 1020 4P 550 8A 8A 623 7P 930 9P 3P 1490 6R 6P	C HJ	MFGRS. LT. + HI. CO. CORRS OF ENGINEERS U.S. MEATHER BUREAU MPS RUTH L.SIZEMORE CLAPKSBURG WATER BOAPD WE AGPICULTUPE OFF EDWARD M.BOWEN ROTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	MHEELING MARMOOD DAM 12 MHITE SULPHUP SRRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	2 9492 0H10 9522 GREENBRIER 9534 CLAY 9603 HINGO 9610 HINGO 9683 PUTNAM		3 40 D6 37 48 38 28 31 40 37 40 38 32	8D 42 8D 18 8D 52 82 17 82 17 81 55	1914	3 3 6A	7A 7A 8A 8A 7A 7A	Н	CORPS OF ENGLNEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + MESTERN FY. MRS. BILLMA E. ROBERTS CORPS OF ENGINEERS
LAKE LYNN LEMISBURG 2 SSW LINDSIDE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS MADISON MANNINGTON 1 M MANNINGTON 1 W	5D02 MONONGALIA 9224 GPERNEPIEP 5284 MONROE 5323 JACKSON 5341 GILMER 5353 LOGAN 5363 KANAWHA 5663 BOONE 5621 MARION 5626 MARION	2 39 43 7 37 46 7 37 27 8 38 54 9 38 51 3 37 51 4 38 12 4 38 03 6 39 33 6 39 32	79 51 80 28 8D 4D 81 32 8D 58 82 DD 81 22 81 49 8D 21 8D 22	900 7A 2185 5R 5R 2000 665 72D 664 8A 8A 623 7A 7A 675 8A 8A 975 6P 6R 995 7A	H H	WEST PENN POWER CO- PADIO STATION ARON LOUIS E. CANTIBERRY BROOKS E. UTT MOPE NATURAL GAS CO., COY E. MARSHALL CORPS OF ENGINEERS J. E. CURRY JAHES N. MORGAN ORA G. FPOST										

† 1 - BIG SANDY: 2 - CHEAT; 3 - GUYANDOT; 4 - KANAWHA, 5 - LITTLE KANAWHA; 6 - MONONGARELA, 7 - NE#; 8 - ONIO; 9 - POTOMAC; 10 - TYGART; 11 - YOUGHIOGHENY

CORRECTIONS

June 1963

Delayed Data Huntington Fed. Bldg. Climatological Data Table

June 1963

Huntington Fed. Bldg. Oelayed Data Daily Temperature Table

Correct as follows Average Maximum temperature, 40.4, average Minimum temperature, 21.2; average temperature, 30.8.

Correct as follows February 28th Minimum missing; Maximum, 46; average maximum, 40.4; average minimum, 21.2; March average maximum, 61.4; average minimum, 39.1; April average maximum, 70.5; average minimum, 45.1; May average maximum, 76.7; average minimum, 33.4.

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506 orto any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and beating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 bours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfail" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weigbing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

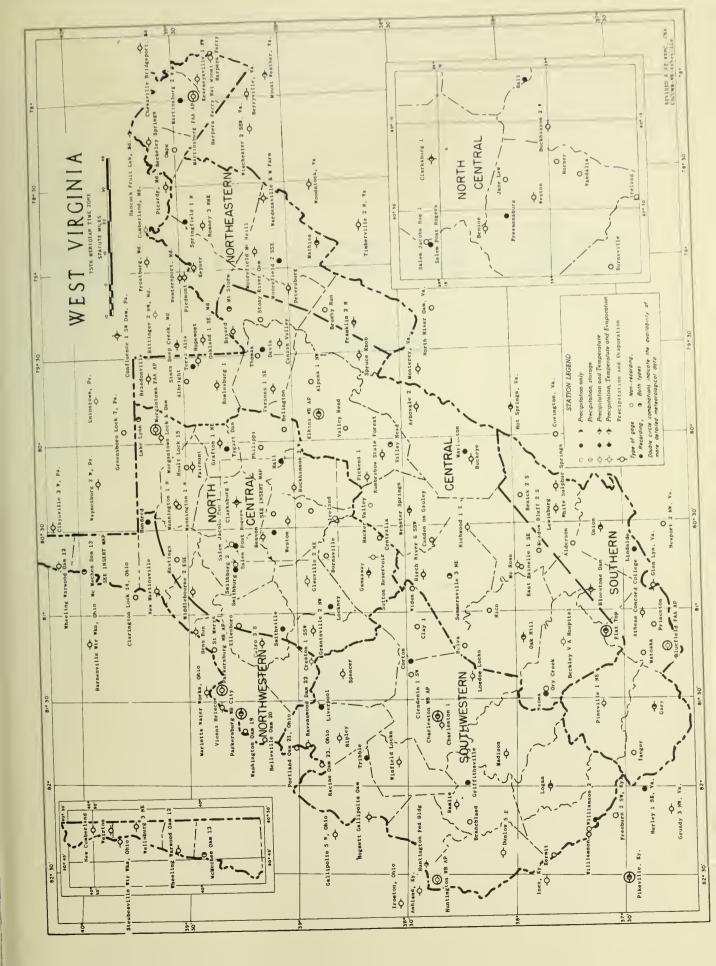
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windsbield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full montb.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the 1961 annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

USCOMM-WB-Asheville, N. C. - 3/24/64-725





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## U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU

ROBERT M. WHITE, Chief

## CLIMATOLOGICAL DATA

WEST VIRGINIA

ANNUAL SUMMARY 1963
Volume 71 No. 13



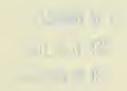


Table 1	T		<b>V</b> 11								111			7210		100	110				AL					1963
	Jan	uary		nuary	Ма	tcp	Aı	pril		lay		тө	Ju	ly	Āuç	pust	Septe	mber	Octo	ober	Nove	mber	Dece	mber		nual
Station	Тетретавия	Departure	Temperature	Departure	Тетрегание	Departure	Temperature	Departure	Тетрагание	Departure	Тетрегатиге	Departure	Temperature	Departure	Тепрегание	Departure	Тепретаture	Departure	Тепретание	Departure	Temperature	Departure	Tamperature	Departure	Temperature	Departure
NORTHWESTERN 01 BENS RUN 1 55E CAIRO 3 5 CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLANO	26.0 26.3 22.9 24.2	- 8.5 - 8.2 -11.3 - 7.9	23.11 27.9 - - 24.1	-12.5 - 7.6	45.7	3.0 0.7	52.3M 53.0 51.1M	- 0-7	58.5M 61.1 57.6 - 59.3M	~ 5.0	69.7	- 5.3 - 1.5 - 3.6	71.1 71.3 70.5 71.5	- 5.2 - 2.9 - 3.9	68.2 70.2 68.8 71.0 69.2M	- 6.7 - 2.9 - 4.4	62.3 62.7 62.4 64.3 63.5	- 6.1 - 4.1 - 4.7	57.2 56.3 58.5	0 • 2 1 • 0 0 • 6	44.5 45.4 43.5 46.3 46.3	0.1	24.8	-12.4 -10.1	51.3	~ 5.1 ~ 2.9 ~ 2.5
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG W8 C1TY WEIRTON WELL58URG 3 NE WMEELING WARWOOO OAM 12	26.8 25.8 26.6 24.3 24.0	- 7.3 - 8.0 - 8.0	26.7 25.6 26.6 24.5 24.3	- 7.3 - 8.9 - 8.4	43.1 46.7 47.1 44.6 42.9		53.9	- 0.5 - 0.2 - 0.8 - 0.3	61.3 61.6 59.7 58.3	- 2.4 - 2.4 - 2.7 - 3.7	70.7 70.0 70.6 69.6 68.3	- 1.9 - 2.0 - 1.6 - 2.6	73.3 72.9 73.0 72.6 71.0	- 2.6 - 2.8 - 2.2 - 2.2	70.6 70.5 70.8 69.5 68.1	- 4.0 - 3.6 - 3.7	65.3 64.5 64.9 64.9 62.1	- 2.8 - 3.2 - 3.2 - 3.1	60.1 60.4 61.2 56.5	3.5 3.4 2.8 3.7	47.5M 46.6 46.9 46.6 44.6	2 • 4	26.1 25.1 25.6 24.3 23.3	- 8.7 -10.2 - 9.7 - 8.7	52.1 51.9 52.3 51.1 49.5	- 2.4 - 2.7 - 2.7 - 2.9
DIVISION NORTH CENTRAL 02 BELINGTON BENSON	25.0	- 8.4	25.0	- 9.1	44.2	2.9	52.1	- 0.6	_	- 2.9	_	- 2.3	72.0	- 2.8	69.6	- 3.9	_	- 3.4	_		45.8 42.6 45.6		24.6 23.4 25.3M	- 9.8		- 2.9
BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRAFTON 1 NE	25.7 25.1 26.3 28.2 27.0		25.2 25.4 25.1 29.2 24.5 27.0	- 8.2 - 9.5 - 7.5 - 9.1	44.4	3.8 4.6 4.7 0.0 2.3	50.5 52.5 54.1 51.2	- 1.1 - 0.9 - 0.8 - 3.9 - 1.0	57.9 58.5 60.5 61.2 58.5 59.6	- 2.6 - 3.1 - 3.1 - 2.6	67.8 68.3 69.3 67.7	- 2.2 - 2.6 - 3.1 - 4.9 - 2.2	70.5 71.2 71.5 69.8N 69.6	- 3.1 - 3.0 - 3.4	67.3	- 3.2 - 3.7 - 3.1 - 5.1	63.8 62.4	- 3.1 - 3.7 - 3.8 - 5.2 - 6.1 - 4.0	55.3 58.3 58.0 56.0	1.5	44.3 43.2 45.0 45.7 44.3M 44.4	1.3	23.9 23.8 24.2 26.5 24.8M	-11.0 - 9.5 -10.4	49.6 50.6 52.1	- 2.6 - 3.3 - 2.8 - 3.2
GRANTSVILLE 2 NW MANNINGTON 1 N MICOLESOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND GAM	24.1 25.0 25.9 26.6 26.6	- 7.9	25.3 24.5 25.9 24.4 25.4	- 9.2	45.4 44.1 45.1 45.8 44.9	3.4	53.0 50.9 51.4 52.2 51.7	- 0.8	60.9 58.6 59.5 60.3 59.7	- 2.6	69.3 67.9 69.2 68.9 68.5	- 1.5	71.9 70.4 71.4 71.8 71.6	- 2.0	70.0 68.3 69.1 68.5 69.2	- 2.8	64.2 60.7 62.7 61.8 63.1	- 3.7	57.9 55.2 56.9 58.8 58.1	1.3	44.9 43.7 44.9 45.2 45.5	1.4	24.9 23.1 23.7 24.5 24.8	-10.3	51.0 49.4 50.5 50.7 50.7	2.9
WESTON WEST UNION DIVISION	24.6	-10.9	25.6	- 9.5	45.0	3.2	-	- 1.2	59.5	- 3.0	68.2	- 3.9	71.4	- 3.7	68.9	- 3.7	62.3	- 4.1	56.8	1.2	44.7 44.9 44.6	0.9	-	-10.7	50+3	- 3.4
SOUTHWESTERN 03  CHARLESTON W8 AP CHARLESTON 1 CORTON DUNLOW 5 E HAMLIN	27.9 27.1 - 28.3 25.7	- 8.7	29.0 27.6 - 29.5 26.7	- 8.5	49.5 47.9 - 51.1 46.8	5.1	56.1 55.9 - 58.7 54.4	0.8	61.3 62.1 - 62.9 60.4	- 3.0	69.1 70.6 - 69.6 69.1	- 2.4	72.0 73.9 - 72.2 71.9	- 2.4	70.2 72.8 72.0 70.8	- 3.1	64.5 66.7 - 65.9 63.8	- 3.2	59.2 61.3 - 61.6 57.5M	1.9	46 • 2 46 • 1 44 • 7 47 • 2 45 • 0	0.4	26.1 25.9 27.1 25.8 25.7	-11.5	52.6 53.2 - 53.7 51.5	2.9
HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLDG HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS	25.8 28.5 27.0 27.7 28.3M	- 9.1	25.9 31.2M 28.1 29.0	- 7.4	46.5M 50.3 50.8 48.0M 46.1M	4.8	53.3 57.8 59.0 56.4	1+1	59.6M 65.1 63.6 62.1 60.7	- 0.7	69.1 72.3M 69.8 71.1 69.9	- 1.6	71.5 74.4 71.4 73.5 71.0	- 2.8	69.2 74.1 70.4 73.9 70.4	- 2.0	65.3 67.0 64.1	- 3.4	58.0 62.9M 60.6 60.1 58.5	4.2	45.1 48.8 46.5 46.6 45.6	2 • 1	25.3 28.4 27.5	- 9.6	51.1 55.1 53.1 53.7	2.0
MADISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	26.5 26.9 28.4 26.8 27.9	- 7.5 - 7.5	28.0 28.3 29.4 28.2 29.0	- 7.4 - 7.1	47.6 47.7 48.6 46.9 48.4	5•1 5•5	55.6 54.3 54.9 53.8 54.2	0.0	61.3 61.2 61.8 61.6 61.5	- 2.2	69 • 1 69 • 9M 69 • 7 70 • 4 69 • 1	- 2.6 - 2.0	72.5 71.7 72.4 72.4 70.9	- 3.1 - 3.5	72.4 69.7 70.2 70.9 69.3	~ 3.9 - 3.9	65.8 63.6 64.5 64.2 63.0	- 3.6 - 4.2	59.2 58.7 59.7 58.8 58.4	2.3	45.5 46.7 47.4 46.7 46.5		26.6 26.2 27.0 26.6 26.6	- 9.5 - 9.5	52.5 52.1 52.8 52.3 52.1	2.6
WILLIAMSON WINFIELO LOCKS OIVISION CENTRAL 04	28.3 26.6 27.3	- 9.5 - 9.1 - 8.9	30.0 27.2 28.3	- 9.0 - 9.2 - 8.8	46.8		59.4 54.3 55.7		64.6 60.9 61.7	- 1.6 - 3.4 - 2.8		- 1.9 - 3.1 - 2.6	75.3 73.6 72.5	- 2.3 - 2.8 - 3.5	75.1 71.7 71.3	- 1.4 - 3.3 - 3.5	68.7 65.9 65.1	- 1.6 - 3.1 - 3.6	61.0	2.3	47.0	1.4	28.5 27.3 26.6	-10.1 - 9.3 -10.3	55.0 52.7 52.7	- 2.3 - 2.9 - 3.0
ARBOVALE 2 8AYARO 8ECKLEY V A HOSPITAL 8ECKLEY W8 AP 8IRCH RIVER 6 SSW 8RANOONVILLE	22.6 22.5 26.9 - 21.3	- 6.6 - 7.3	21.9 26.4 21.9	- 7.5 - 8.6	39.2 39.1 46.1 - 40.1	3.7 5.2	46.6 46.9 52.6 H	0.4	53.4 54.0 58.1 - 56.1M	- 2·1 - 2·1	62.9M 61.9 64.6 65.1 62.9	- 2.0 - 2.6	64.8 64.0 66.1 66.8 65.4 66.7	- 2.9 - 4.4	64.2 62.3 66.4 66.3 65.5	- 3.0 - 2.9	58.0 55.0 59.7 60.0 58.4N	- 3.9 - 3.9		1.9 0.7	40.1 41.9 43.0 43.0 M	3 • 5 0 • 7	21.3 21.0 23.4 23.2 23.9 21.1		45.5 45.1 49.0 - - - 46.0	2.3
BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP HOPEMONT	24.3 21.2 25.9 25.0	~ 5.8	24.8 20.2 23.6 24.2 21.0	- 7.3	42.4 38.7 42.0 42.4 40.8	5.3	49.6 46.1 49.3 49.7	1.5	57.6 53.4 56.4 54.9	- 2.5	65.3 59.8 64.4 61.9	- 2.6	68.2 61.7 66.2 63.7	- 3.8	67.7 61.1 65.2 63.5	- 3.1	61.0 54.4 58.8 57.0	- 4.2	53.7 49.2 52.9 53.5	2+2	42.2 39.0 41.7 39.4	0.2	22.8 17.7 22.6	-10.8	48.3 43.5 47.4	- 2.6
MC ROSS OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO ROWLESBURG 1	26.2 26.2 27.4N 23.9		25.6 24.6 25.5M 23.3 24.9 25.6		44.0 44.7 43.8 41.5 40.0H 43.4		51.8 53.1 50.8 47.8		57.0 58.1 59.1 54.9		64.8 66.6 66.6 62.5 M		66.3 68.7 69.0 64.1		66.7 67.8 67.9 63.2		60.3 62.2 61.2 57.3		54.1 57.5 54.8 52.9 54.7 56.3		42.5 43.7 44.4 40.6 42.7M 45.0		24.8 23.9 21.5 23.9 24.2		49.8 49.5 46.1 	
SPRUCE KNOB WEBSTER SPRINGS 1 E OIVISION SOUTHERN 05	23.0 28.6 24.7	- 6.9	22.0 28.8M 23.6	~ 8.5	40.7 47.3 42.0	3.8	47.9 53.9 49.5	0.3	54.9 60.9 56.3	- 2.0	62.6	- 1.6	66.3		63.2 70.4 65.3	- 2.5	57.3 64.3 58.9	- 3.1	56.7 57.5 54.0	2+2	42.1 45.1 42.1	1.7	20.7 25.8	- 9.8	46.3 51.9 47.5	2.4
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE OAM GARY KOPPERSTON	28.4 26.8 27.0 27.8	- 8-6	27.5 27.2 26.3 28.1	- 9.0	47.0 47.1 44.7 46.2	3.2	53.0 53.1 53.7 54.1M	0.2	58.9 59.1 59.5 60.0	- 3.2	65.9 65.9 68.5 68.4	- 2.4	67.4 67.5 71.2 70.2	- 3.8	67.2 67.5 70.7 70.5H	- 2.5	60.8 61.3 63.9 63.5	1 - 3.4	56.3 58.1 57.1 56.4	0.5	43.8 43.7 44.3 43.8M 44.5	- 0.5	25+2	-10.3	50.1 50.1 51.1 51.3	- 3.3
LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS OIVISION NORTHEASTERN 06	28.0M 26.3 25.6 28.9 27.4	- 7.9 - 5.0 - 7.7	28.3M 26.9 24.1 28.1 27.6	-10.4 - 7.1 - 8.6	45.9	2.6	52.9M 53.7 52.2 53.9 53.3	0.6 1.4 0.1	60.2 59.8 57.9 60.0	- 2.9 - 2.1 - 3.0	67.6	- 2.6 - 2.0 - 2.7	69.2 70.7 67.5 70.0 69.2	- 4.1 - 2.5 - 3.8	68.3 70.1 66.4 69.6	- 3.9 - 1.6 - 3.1	62.0 63.8 60.1 62.4 62.2	- 4.4 - 2.3 - 3.7	55.1	0.9	43.6 44.0 43.6 43.8 43.9	1.4	25.1 24.6 24.6 24.6 26.1 25.2	- 8.8 - 7.8 -10.0	50.9	- 3.3 - 1.9 - 3.2
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER	27.2 30.2 29.7 26.3	- 7•6	25.8 27.7 28.3 23.8 21.6	-11.2	43.1 44.4 46.5 42.7 41.5		52.4 51.2 56.1 52.4 51.9	- 0.9	59.7 58.0 64.3 59.8		н	- 3.8	71.7 67.7 75.3 72.9 71.4N	~ 2.6	69.1H	- 3.7	62.0 60.4 65.6 61.3 62.9		56.7 55.3 61.3 56.8 58.5M		-	2.5		1	51.0 49.9 54.3 50.7	- 3.6
MARTINSBURG FAA AP MATHIA5 MOOREFIELO MCNEILL OMPS PETERSBURG	26 • 2 27 • 2 27 • 9 30 • 5	- 6.9	25.7 25.7 27.6 29.9	- 6.2	43.0 45.1 - 46.9	4.4	53.0 51.4 51.8 - 54.1	- 0-1		- 2.5	66.1 67.4 - 69.2	- 1.4	73.5 68.3 69.4 71.7	- 2.4	67.0 68.6 - 70.4	- 3.3	59.3 61.4M	- 3.4	54.5 M 57.2	0.9	46-1 44-7 46-5 47-3 47-0	2 • 4	27.0 25.0 26.5 27.6 28.3	4	52.5	1.6
PIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	27.1 28.7 27.7	- 5.2	25.0 28.1 24.6	- 8.6	44.7	2.6	53.1 52.8 52.1M	1.3	59.8 60.5 58.7	- 1.9 - 2.3	68.9	- 1.3	71.7 71.3 70.8	- 2.0	69.9	- 2.7	62.6 62.6 60.2	- 2.8	58.9 56.6 56.2	2.4	45.7 45.7	2.9	25.6 27.4 26.7	- 6.2	51.5	1.8
OIVISION	28.1	- 5.3	26.2	- 8.2	44.2	2.9	52.7	0.5	60.1	- z.o	68.2	- 1.9	71.3	- 2.7	69.7	- 2.6	62.0	- 3.5	57.2	2.3	46.5	2 • 8	27.0	- 7-1	51.1	- 2+1

Table 2 TOTAL PRECIPITATION AND DEPARTURES PROMINORMAL WEST VIIII													1963
	January	February	March	April	May	June	July	Augusi	September	October	November	December	Annual
Station	Preciputation Departure	Precipitation Departure	Precipitation Departure	Precapitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation	Precipitation Departure	Precapitation Departure	Precipitation Departure	Precipitation Departure
NORTHWESTERN 01  BELLEVILLE OAM 20 BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW ELLENBORO	1.54- 2.00 .95- 2.65 1.64- 1.97 2.08- 1.88 1.82	1.51-1.4 1.37-1.5 1.65-1.2 E1.99-1.2	7.31 3.58	1.01- 1.79	2.26-1.83 .79-3.64 1.84-2.36 2.68-1.42	5.00 .85 4.89 .18 4.05 .75 3.74 1.00	6.37 1.3	2.16-1.9 9.06 .9 3.445 3.799	4 2.5536	.62- 1.56 .16- 2.23 .21- 2.36 .28- 2.29	1.6761 2.3741 62.5930 1.67-1.31 2.31	1.17-1.7 1.43-1.0 1.40-1.66 E1.73-1.63	£35.70- 8.80
MC MECHEN DAM 13 MOUNDSVILLE NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AP	1.74-1.56 1.54-1.62 2.04-1.63 1.60	1.51= 1.25 1.49= .80 E2.09= .91	9.45 1.61 9.39	2.36- 1.05 2.45- 1.09 1.85	2.11- 1.66 1.85- 2.49	4.68 .42 7.32 2.83 4.39	2.07- 1.89 2.56- 2.23 5.47	2.72-1.0 2.30 1.51-2.1 6.50 2.2 3.55	1 .85- 2.07 1 .80- 2.28 3.03	.86- 1.96 .95 .06- 2.95 .62- 1.95	1.9171 2.12 2.0390 2.3450 1.54	1.77- 1.51	34.75
PARKERSBURG WO CITY R ST MARYS WASHINGTON OAM 19 WEIRTON WELLSBURG 3 NE WHEELING WARWOOD OAM 12	1.80-1.94 1.85 1.61-1.75 1.90 2.0199	1.51   1.32 2.46 1.23   1.53 1.84 1.86   .50	9.03 9.87 6.51 6.37 2.65	1.47 1.65- 1.68 2.72 3.1157	.99- 2.71 1.14 1.05- 2.63 2.30 1.95- 1.98	4.62 .35 5.33 4.44 .52 4.64 3.54 .75	2.83	2.44- 1.3 9.57 2.749 1.71 1.43- 2.4 2.30- 1.0	2.18 .84- 1.90 .49 .06- 3.17	.22 1.83 .22 .08 1.87 .25 .22 2.44	1.42 .94 1.90 1.65 .82 2.00 2.02 .63	1.18- 1.66 1.47 1.05- 1.66 1.50 1.32- 1.17	29.64 P 9.13 35.45 28.58 P 9.76 28.17 27.34-12.97 26.96-11.60
OIVISION NORTH CENTRAL 02	1.73- 1.70	1.66- 1.13	7.51 3.78	2.30- 1.19		4.71 .23	3.4788	3.108	9 1.07- 1.93	.30- 2.16	1.9970	1.45- 1.45	31.00-10.37
BELINGTON BENSON BUCKMANNON 2 W BURNSVILLE CENTRALIA 2 NNW	2.37 1.94-2.20 2.49-1.65 2.58 2.68	3.11 1.94-1.62 2.8873 E2.99 3.27	8.59 9.58 8.74 8.54 7.45		3.36 2.72 1.66 3.28 1.26 4.01 3.21	4.94 7.65 2.73 6.98 1.58 6.58 5.04	5.28 4.6239 4.04- 1.55 2.90 5.17	6.01 5.96 5.44 3.21 6.55		.49 .44- 2.49 .38- 2.83 .32 .32	5.43 3.62 .54 4.48 1.30 4.11 5.55		
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRAFTON 1 NE	1.90- 1.52 1.98- 1.58 2.16 2.31- 1.83 E1.80- 2.11	2.47	8.89 5.49 8.21 4.54 7.05 7.77 3.39 8.68 4.51	1.77- 1.78 1.26 1.80- 1.69 1.80- 1.91	2.40- 1.59 2.21- 1.98 3.23 2.76- 1.59 3.5891	6.73 2.41 7.72 3.25 5.64 6.05 .91 4.37 .34	2.90- 1.67 1.68- 2.85 3.89 3.90- 1.43 .70- 4.30	5.76 1.3 5.91 1.7 6.32 3.61 1.0 5.77 1.1	1 2.01 1.07 1.44 1 1.90 1.95 2 1.70 1.67	.43 2.15 .49 2.20 .12 .12 2.82 .62 2.37	3.10 .51 3.53 .82 3.99 3.48 .31 2.1688		
GRANTSVILLE 2 NW MASTINGS MORNER MOULT LOCK 19 1RELANO JANE LEW	E1.70 2.18 2.47-1.53 2.13-1.58 2.23	2.67 2.53 2.11 3.22	7.36 3.54 7.73	1.68- 1.92 2.18	2.42 1.51 3.20 1.05 1.91 2.27 3.43	4.74 7.23 6.28 7.30 5.92	5.21 3.95 3.82- 1.40 1.94- 2.53 2.72- 2.39	3.15 7.36 5.60 1.33 9.79 1.43 3.87	1.78-1.34	.04 .41 .09 3.00 .35 2.34 .36	2.49 3.18 4.30 1.26 3.45 .64 5.04	1.29 1.82	
JAME LEWN LAKE LYNN MANNINGTON 1 N MANNINGTON 1 W MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT	2.06-1.72 1.62-1.61 1.42-2.43 1.86 1.78-1.61	2.3879 2.1640 2.11- 1.09 2.12 2.0068	8.63 4.70 6.88 3.32 7.07 2.92 8.18 7.71 4.11 6.55	2.5198	2.48- 1.88 1.43- 2.73 1.75- 2.88 1.71 1.63- 2.74	5.24 .42 4.64 .35 7.36 2.34 6.37 5.80 1.27	2.30- 1.95	5.38 3.22 1.20 5.82 1.10 5.53 6.91 2.33	1.50 1.61 2.51 .76 2.44	.49 2.47 .47 2.19 .39 2.42 .30 .21 2.36	3.64 1.14 3.28 .27 2.99 2.50 .22	1.46 1.81 1.14 1.46 1.70 1.79 1.78 1.49 1.45	
MORGANTOWN LOCK AND OAM PHILIPPI SUTTON RESERVOIR VANDALIA	1.81 - 1.69 2.35 - 1.66 1.93 2.74 - 1.39 3.19 - 1.26	2.2559 2.6679 2.34 2.9659 3.2557	6.76 3.02 8.82 4.73 6.89 8.93 4.69 9.40 4.78	1.31 - 2.26 2.07 - 1.54 1.06 2.17 - 1.52 2.68 - 1.15	1.52 - 2.65 2.85 - 1.71 2.98 2.37 - 2.08 2.77 - 1.89	4.68 .35 4.81 .26 5.49 5.00 .02 6.43 1.11	2.24- 1.95 3.49- 1.80 4.32 3.92- 1.42	3.78 .4: 6.34 1.4: 5.88 6.03 1.10	9 1.41- 1.69 2 3.0231 1.46 3.56 .10	.20 2.51 .32 2.89 .27 .03 3.03	3.26 .50 4.64 1.51 4.75 5.23 2.15		30.21-11.82 43.19- 4.43 38.91 44.91- 3.55
WEST UNION OIVISION	1.99- 1.90	2.3787	8.03 3.97	1.93- 1.74	2.43- 1.92	6.12 1.36	3.10- 1.82	-	-	.30 2.53	3.54 .57	-	-
SOUTHWESTERN 03							E4.52						
CMARLESTON WB AP R CMARLESTON 1 CLAY 1 CLENOENIN 1 SW	2.34 1.85 - 2.47 1.91 - 1.81 2.21 - 1.79 2.44	2.62 2.70 83 2.51 74 2.15 1.30 2.76	6.81 6.37 2.03 6.12 2.00 6.90 2.45 7.62	1.39 1.21- 2.47 .91- 2.48 1.94- 1.73	3.56 3.4823 3.2743 3.1480 2.54	2.38 2.67 - 1.02 2.8974 2.91 - 1.80 1.73	3.06- 2.61 2.96- 2.54 2.86- 2.99 2.04	3.12 2.85- 1.16 2.77- 1.13 4.0443 3.71	1.33 1.53	.09 .09 2.49 .11 2.14 .18 2.60	3.60 3.19 3.32 4.21 3.76	1.33 1.44 1.81 1.13 1.70 1.53 1.96 1.57	E33.61 30.25-14.18 29.23-12.77 34.35-12.62 31.49
CORTON OUNLOW 5 E MAMLIN MOGSETT GALLIPOLIS OAM MUNTINGTON FEO BLOG	1.97 2.31 1.66- 2.01 1.53- 2.31	3.00 2.83 1.44- 1.58 1.53- 1.57	7.56 6.50 7.95 7.86 3.70	1.66 1.58 1.02- 2.43 1.04- 2.52	E4.34 .56	2.41 2.18 3.12 .87 3.11 1.12	2.68 4.07 2.80-1.34 4.0293	1.93 2.02 3.95 2.63	1.31- 1.61	T .10 .08- 1.96 T - 2.06	3 34 4.02 3.46 2.42 .29 2.37 .27	1.28 1.64 1.34 1.21- 1.64 1.27- 1.72	
HUNTINGTON WB AIRPORT KERMIT LOGAN LONGON LOCKS MAGISON	1.86- 1.98 2.13 1.88- 1.88 2.07 1.71	1.61- 1.49 2.66 2.8367 2.39 2.93	7.54 3.38 6.90 7.65 3.06 6.74 6.81	.86- 2.70 .87 1.80- 1.62 1.63 1.65	4.54 .76 4.27 4.02 .04 4.70 5.40	1.60 2.63 4.13 6.11 1.78 3.65 3.91	3.68- 1.27 2.03 3.92- 1.01 5.60 6.27	3.0920 E2.00 1.61- 2.39 2.70 2.91	1.96 1.33- 1.65 2.23 2.17	T 2.06 .01 T 2.37 .28 .03	2.19 .45 3.70 5.01 2.29 5.59 4.52	1.21 1.78 1.38 1.43 1.72 1.18 1.44	29.99-11.53 E32.04 37.59-6.14 38.76 39.75
POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	1.35 2.12- 1.37 2.35 1.76- 2.20	1.33 1.39- 1.57 2.03 1.87- 1.58	7.53 8.09 8.22 7.61 3.46	1.89 1.91- 1.37 1.66 1.33- 2.19	2.16 1.92- 1.68 3.04 3.0884	2.07 3.0384 3.36 3.9449	4.83 4.90 .46 2.57 3.28 - 1.38	3.08 2.10- 1.31 7.48 6.05 2.02	2.30	.16 .05- 2.03 .02 .02- 2.65	1.94 1.9463 2.45 2.2648 2.46	1.11 1.52- 1.30 2.09 1.19- 2.00 1.37	29.48 30.19- 8.53 37.57 34.20- 9.50
WIOEN WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS OLVISION	2.47 2.45- 1.19 2.03 1.68- 2.20 1.93- 1.85	3.21 4.21 .74 3.17 1.73- 1.44 2.3294	7.52 8.61 4.05 7.92 7.48 3.46 7.39 3.20	.98 .92- 2.53	2.94 4.21 .34 4.25 4.18 .67 3.7213	5.97 3.35- 1.04 3.47 1.68- 2.11 3.07- 1.07	4.04 2.39 2.69 3.03 5.25 .76 3.91 1.02	1.68 3.83 .02	3.43 1.39- 1.59	.31 .10- 2.09 .10 .06- 2.05	5.26 4.48 1.70 4.44 3.30 .63 3.34 .60	1.59 1.35- 1.50	41.61 38.37-5.36 36.09 32.85-7.88 33.61-8.76
CENTRAL 04  ALBRIGHT  ALPENA 1 NW  ARBOVALE 2  BAYARO BECKLEY V A MOSPITAL	1.80 2.50 1.63-1.72 1.76-2.43 2.20-1.44	2.80 3.64 1.95- 1.22 2.9951 2.5691	10.06 5.60	2.36 2.95 1.54- 1.58 2.90- 1.13 1.21- 2.41	2.44 3.56 1.95 1.94 3.39 1.47 3.51 .50	5.30 4.88 3.80 .43 4.83 .10 4.78 .32	3.56 5.13 2.65-1.96 4.74-06 4.4570	4.58 5.20 2.82-1.07 5.12 .42 5.53 1.00	2 . 66 53	.38 .26 .34- 2.10 .32- 2.98 .14- 2.47	5.05 6.08 4.55 2.00 5.40 2.50 4.68 2.00	2.6778	46.84- 1.27
BECKLEY WB AP BELVA BIRCH RIVER 6 SSW BRANDOMVILLE BUCKEYE	1.94 2.01 1.74 1.31	2.95 4.80 2.90 2.37	7.00 6.78 7.39 8.82	- 1-60 1-46 2-89 2-32	- 4.06 1.35 2.69 2.80	3.80 3.93 5.96 6.22 1.72	4.06 3.91 4.82 3.82 4.80	3.27 3.09 4.56 4.38 2.77	2.67 2.55 2.55 1.97 2.24	.14 .15 .28 .21	5.60 5.43 4.52 4.99 4.86	2.41 1.83 5.04 1.87 2.44	38.44 44.13 41.07 36.63
CAMOEN ON GAULEY CANAAN VALLEY ORY CREEK ELKINS WB AIRPORT FLAT TOP	2.39 2.49 2.23 1.66 2.34- 1.44	3.35 4.26 3.49 2.72 2.55 1.18	7.23 10.26 7.94 8.85 8.61 4.05	2.17 3.78 1.30 2.40 1.41 - 2.27	3.57 4.08 4.38 2.33 5.75 1.62	4.85 5.24 3.13 4.45 3.8556	5.96 6.45 3.51 3.77 4.0184	4.75 4.70 3.94 3.34 2.49 1.88	2.01 3.16 2.02 2.39 2.5037	.34 .39 .16 .31 .17- 2.41	7.19 5.94 5.97 4.78 6.18 3.49	1.98 3.20 2.00 1.65 2.13 1.22	45.79 54.03 40.07 38.65 41.99 3.01
MACKER VALLEY MICO MOPEMONT MC ROSS MT STORM	3.21 1.64 .92 1.95	3.79 2.33 1.82 3.62 1.93	7.88 6.51 6.30 8.36 8.86	1.86 1.67 2.21 2.35 2.15	4.03 3.70 2.85 4.51 2.57	5.99 4.81 7.66 3.46 5.02	5.32 2.28 1.91 5.24 3.56	7.70 3.19 4.77 3.58 4.67	2.33 1.94 3.14 2.61 3.30	.28 .78 .80 .42 .35	7.74 5.11 2.63 7.48 4.62	2.30 1.53 E2.20 2.81 E2.66	52.43 35.49 E37.21 46.39 E40.63
OAK MILL PARSONS 1 SE PICKENS 1 RICHWOOO ROWLESBURG 1	1.72 1.99 3.35 1.90 2.70	2.97 2.98 4.86 2.84 3.89	6.63 9.08 11.53 E9.00 10.81	1.75 3.28 2.33 E2.28 2.91	4.65 3.91 6.04 E3.63 4.73	3.28 5.53 6.00 4.92 7.11	3.15 5.26 7.67 4.62 3.51	3.04 6.80 6.39 3.20 6.79	2.20 3.61 2.61 E2.27 3.02	.27 .51 .67 .50 .48	5.79 5.39 9.33 6.61 6.38	1.92 2.14 3.40 E2.41 2.63	37.37 50.48 64.18 E44.18 54.96

### TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

WEST VIRGINIA 1963

Table 2-Continued

	Janu	lary	Febr	ary	Mai	ch	Apri	1	Ма	у	Jun	16	Jul	у	Aug	ust	Septen	ber	Octo	ber	Nover	nber	Decem	ber	Ann	ual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
SMOOT SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE 3 NE THOMAS	3.02	- 1.70 - 2.22	1.28 2.41 E3.79 3.85 3.02	.60	7.22	5.43	1.27 2.09 2.92- 1.37 2.59-	.84	3.15 1.78 3.39- 3.74 4.22-		1.87 5.05 5.59 E4.09 4.69	1.01	3.92 3.58 2.41 3.69 9.37	- 1.75	1.58 3.62 5.13 5.21 7.72	.62 2.38	2.79	•35	.30	3.50	E6.78	2.91	1.49		32.60 36.91 E45.43 E43.55 58.17	
VALLEY BEND VALLEY HEAO WEBSTER SPRINGS 1 E	E1.65 1.68 2.28		2.40 2.93 3.19		7.79 8.85 7.88		2.39 1.65 1.20		3.11 3.20 3.48		4.10 3.97 4.01		4.24 3.42 3.78		1.87 5.19 4.77		2.06 2.52 2.56		.29 1.00 .26		5.32 5.50 8.40		1.32 2.35 2.33		E36.54 42.26 44.14	
OIVISION	1.99	- 2.21	3.09	.73	8.41	3.66	2 • 2 4 -	1.77	3.52	1.31	4.82-	-19	4.33	- 1.22	4.31	63	2.60-	•77	.36-	2.80	5.74	2 • 61	2.50-	1.16	43.91	- 6.52
SOUTHERN 05 ALDERSON ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY	1.08 1.82 1.73 1.41 2.26	- 1.12	2.02 1.71 1.80 1.60 2.06	1.34	5.85 5.29 5.74 7.30 6.36	2 • 15	.91 1.22 1.34 1.02 1.22-	2.16	2 • 35 3 • 39 3 • 33 3 • 08 3 • 09	•80	1.81 1.28 1.28 1.76 2.51	1.46	2.62 5.50 2.96 2.60 2.25		2.39 2.68 2.90 2.79 4.26	•19	2 • 66 3 • 71 3 • 00 2 • 45 2 • 97	•12	.46 .08 .09 .11	2.27	3.37 4.35 4.89 4.20 4.55	2 • 2 3	E2.38 2.12 1.38 1.52 1.28-	1.76	E27.90 33.15 30.44 29.84 32.83	- 9.14
laeger Kopperston Lewisburg 2 SSW Matoaka Pineville	2.70 - E1.76 1.49 2.63		3.73 - E1.56 2.30 3.09		6.97 8.30 6.80 9.26		1.17 - .93 .56 1.10		4.18 - 2.19 4.87 4.09		4.64 - 2.63 3.18 3.67		1.52 - 2.52 5.32 3.11		2.57 - 2.50 2.44 5.17		2.73 - 3.39 1.16 2.28		•04 •21 T		5.97 6.02 3.73 4.09 5.78		1.59 2.67 2.04 2.93 1.70		37.81 E31.76 35.14 41.90	
PRINCETON RENICK 2 S UNION WHITE SULPHUR SPRINGS		- 1.68 - 1.64	1.65 2.41 1.22 2.03			2.53	.76 1.38 1.00-		3.86 2.75 2.88 2.47		1.40 2.17 2.79- 3.58-		3.34 3.12 3.73 2.62	42 - 1.66	2.97 3.07 2.50 3.15		1.98 2.95 3.71 2.48	1.06		2.00		1.58			28.86 35.42 30.79 31.95	
DIVISION NORTHEASTERN 06	1.79	- 1.43	1.84-	1.26	7.18	3.27	1.09-	2 • 0 4	3.07	•63	2.44-	1.32	3.16	- 1-28	3.24	61	3.00	• 29	.11-	2.11	4.60	2.21	1.79-	1.01	33.31	- 5.92
BERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MONMT	1.57 .64 .52 .99-	- 1.64	1.48 1.02 1.36 2.08	• 25	5.36 5.88 E5.46 3.65 4.38	•28	1.85 1.82 1.52 1.13- 1.25	2.27	1.29 1.16 .95 1.51	2.26	3.85 3.45 3.81 4.54 6.93	1.00	3.38 3.36 2.71 1.97 1.26	2.15	1.82 2.47 2.00 2.63 3.41	- 1.64	2.12 2.12 1.47 2.01- 2.37	1.26	.55 .18 .04 .09	3.45	5.64 4.55 4.76 5.30 7.73	2.51	1.77 1.42 1.60 1.70- 2.32	1.16	30.68 28.07 E26.20 27.60 34.21	
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL	.91	1.015	1.57- E1.37 1.57- 1.80 1.20	• 65 • 57	4.82 1.80 4.95 5.04 6.41	1.69	1.67- 3.58 1.96- 1.29 1.29		1.46- E1.26 1.73- .65 1.61		4.64 E4.32 5.12 4.21 4.78	1.18	•77	2.04	3.72	- 1.01 - 1.68	2.33- 1.89 2.36- 2.56 1.85	.96 .70	.06	3.25	6.00 E4.41 6.17 5.02 4.98		1.74- E1.81 1.99- 1.89 1.73		E25.90	
OMPS PETERSBURG PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM		1.53 2.03	1.93 1.08- 1.56- 1.32 1.43-	•71 •65	5 • 75 6 • 09 7 • 13 6 • 25 5 • 77	3.58 3.77 2.86	1.90 1.68- 2.19- 1.80 1.33-	.71 .95	1.29 1.07 2.71 1.87 1.62	1.22	3.75 5.55 3.30- 4.03 5.02		1.58	1.80 1.89 2.88	3.00 3.80 3.42 3.51 2.83		2.93	.03 1.14	.17-	2.09 2.77 2.90	4.26		1.78-	.67	30.68	
DIVISION	1.00	1.37	1.41	.58	5.61	2 • 60	1.78	1.11	1.54-	2.12	4.66	1.00	1.87-	1.83	3.07	97	2.16	•67	.16-	2.79	5.31	3.07	1.79	•47	30.36	5.24

## TOTAL EVAPORATION AND WIND MOVEMENT

Table (

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua
NORTH CENTRAL D2														
CLARKSBURG 1	EVAP DEP WIND	=	=	=	8 3.54 .06 2799	8 4.35 27 2D74	8 4.29 -1.10 1441	8 4.92 58 1498	8 3.47 99 1438	B 2.24 79 1181	1.57 36 1D62	= =	Ξ	=
SUTTON RESERVOIR	EVAP DEP WINO	=	=	=	4.53 - 1864	5.62 - 1600	8 5.72 - 1411	5.96 - 12DB	8 4.91 1402	4.3D 	3.50 - 1195	=	Ξ	=
SOUTHWESTERN 03	1													
HOGSETT GALLIPOLIS OAM	EVAP DEP WIND	Ξ	=	Ξ	B 5.56	B 5.84 1685	5.47 - 1162	8 6.64 - 1459	B 6.23 1227	5.27 1206	3.89 _ 1197	-	=	=
SOUTHERN 05	1													
BLUESTONE DAM	EVAP DEP WIND MAX MIN	=======================================	-	=	8 4.97 8 1685	4.96 - 1282 76.8 50.4	5.56 - 921 83.3 60.1	5.64 1064 87.8 61.8	4.71 879 85.8 63.3	3.61 - 835 78.9 56.1	3.29 970 69.4 44.4	B 1.11 1216 51.2 37.6	- -	-
NORTHEASTERN D6														
WARDENSVILLE R M FARM	EVAP DEP WIND	=	=	=	8 5.18 .66 1916	5.93 .53 1397	09	8 6.67 .22 -	6.72 1.16 1246	4.52 .19 1078	3.91 .77 1006		=	=

MAX AND MIN IN TABLE 4 REFER TO MEAN MAXIMUM AND MINIMUM TEMPERATURES OF WATER IN PAN.

table 3	T		Τ	1	Last spring minimum of								=			Fi	ut fa	ll minir	mum	ol						er ol		
Station					16° c		20° or below		24° or	28" beld		32° d		32° or		28° or		24° o		20° o		16° d		low	low	below	below	low
	Highest	Date	Lowest	Date	Date	Temp.	Date	i.	Date	-	Temp.	Date	Temp.		Temp	Date	Тепр	Date	rd H	Date	Temp	Date	Temp	16° or below	0° or below	ğ	28° or be	32° or belor
NORTHWESTERN 01 BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE REW CUMBERLANO	92 95 92 92	7-16 7-17 7-18 	-22 -25 -16	1-29 1-29 1-29	2-28- 2-27- - 2-27-	3 2	3-15 1: 3- 3 1: 4-10 2: 3-15 1:	9 4	-15 24 -11 24 - 3 24 -	5- 2 5- 3	2 25 2 25 3 24	5-24 5-24 5-24 5-24	32 32 32	10-13 9-23 9-23	32 1 31 1 32 1	10-31 10-30 10-13 10-14	28 26 26 27	11- 4 11- 3 10-30 11- 4	22 23 23	12-14 11-13 11-13 12-14	17 19 18 14	12-15 12-14 12-16 12-14	4 15 2 14	290 290 -	255 217	180	182 181 163	142 122 122
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY WEIRTON WELLSBURG 3 NE	95 92 93 93 94	7-17+ 7-17+ 6-26 7- 1+ 7-17	-16 -15 -14	1-29 1-24 1-24 1-24 1-29	2-27 2-27 2-27 2-27 2-28 2-27	6 1 3 13	2-28 1	8 3 1 3 3 3	-22 23 -23 24 -23 24 -23 23 -16 22	3 5- 2 4-12 3-23 5- 2	2 27 2 28 3 24 2 28	5- 3 5- 2 5- 2 5-24 5-24	32 30 30	10-14 10-30 10-31 11-2	31 1 31 1 32 1 29 1	11- 4 11-13 11-25	25 27 26 28	12- 1 11-25 12-14 11-25	24 24 10 22	12-14 12-14 12-14 12-14	14 8 10 8	12-14 12-14 12-14 12-14	14 8 10 8	290 290 290 289	289 290 290 289	254 247 266 247	186 215 247 206	164 181 182 162
WMEELING WARWOOD DAM 12 NORTH CENTRAL D2	93	7- 2+	-15	1-24	2-28	3	2-28-	5 3	-16 24	5- 2	2 28	5- 3	31	11- 2	32	11- 4	28	11-25	24	12-14	16	12-14	16	289	289	254	186	183
BELINGTON BENSON BUCKMANNON 2 W CLARKSBURG 1 FAIRMONT	96 91 92 92	- 7-17 7-17 7-17 7-17	-25 -23 -20 -15	- 1-29 1-29 1-29 1-24	2-27- 3-23 2-27 2-27-	16	3-23 4-15 3-15 2-27	5 5	- 2 21 - 2 22 - 2 23 -23 24	5- 2	2 22 23	5-24 5-24 5-24 5-24	30 31 32 29	9-23	31 1 30 32 1	10-14 9-25 10-30	27 28 27	10-30 10-31 11- 4	22	11-4 11-25 11-25	20 18 20	12-14 12-14 12-14	16 14 10	290 266 290	224 255	182	146	122
GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N	92 93 96 94	6-26 - 7-28+ 8- 2+ 7-17		1-28 1-29+ - 1-28 1-29	2-27- 2-28- 2-27- 2-28- 3-20	2 12 2	3-23 26 4-11 26 3-23 15 3-15 26 5- 2 26	5 5 5 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-16 24 - 2 22 - 2 21 -25 24 - 2 20	5- 2 5- 3 5- 1	2 22 3 27 1 25	5- 3 5-24 5-24 5- 1 5-24	31 29 25	10-30 9-23 9-23 10-12 9-23	31 1 29 32 1	10-13 9-24 10-30	28 28 24	10-31 11- 4 10-30	22 20 24	- 11- 4 11-13	20	12-15 11-25 12-15	1 16 4	290 271 290	226 243	214 182 186 188 182	164 144 182	122 122 164
MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND OAM WESTON WEST UNION SOUTHWESTERN 03	92 95 93 95	7-17 7-17 7-17 7-18	-22 -15 -16 -18	1-29 1-24 1-29+ 1-27	2-27- 2-27- 2-28 2-28-	6 12	3-15 2-27- 3-15 2-28-	5 3· 0 3·	-16 24 -23 22 -23 22 -11 24	5- 2	2 27	5-24 5- 2 5-23 5-24		9-24 10-30 10-14 10-13	32 1	10-31	27	11-25 11-25	24	12-14 12-14	10 14	12-14	10	290 289	290 274	247	206 182	181
CHARLESTON WB AP CMARLESTON 1 CORTON OUNLOW 5 E MAMLIN	92 94 92 94	5- 9 7-29+ 8- 3 8- 4	-12 -12 -19 -20	1-24 1-28 - 1-24 1-28	2-27 2-28 - 2-27- 2-28	1 8		3-	-23 21 -23 22 - -23 22 -11 24	4-11	3 22	5-24 5- 2 - 5- 1 5- 3	30	10-30 10-30 11- 1 11- 2 9-24	26 1 28 1 30 1	10-30 11- 1 11-25	26 28 25	11- 3 11- 3 12- 2	24 24 24	11-25 11-24 12-14	20 15 18	12-15 11-24 12-15	7 15 4	290 - 291	270	247 225 - 254 202	202	181
MOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG MUNTINGTON WB AIRPORT LOGAN LONGON LOCKS	93 94 92 96 92	6-11 7-27+ 6-10+ 8- 4 7- 3+	-15 -12	1-29 1-24 1-24 1-24 1-25+	2-28 - 2-27 2-28 2-28	1 2 4 4	2-28   1 - 2-27   2 2-28   2	3.	-24 21 -23 24 -23 24 -24 23	3-23 3-23 3-24	25 3 24 4 25	5- 3 4- 5 5- 2 5- 3 5- 3	32	10-30 11- 3 10-30 10-30 10-30	31 1	11-25	27	12-14	15	12-14	15	12-14	15	290	290	247	247	212
MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER	92 94 95 94 90	8- 4+ 6-10 9-12 8- 3+ 8- 4+	-18 -19 -26	1-29+ 1-28 1-28 1-28 1-28	2-28 2-27 2-27 3- 6 2-27	1 0 1 13	2-28 3-23 2-27 3-23 3-23	9 4. L 4. B 5.	-24 23 -11 22 -11 23 - 2 24 - 2 24	5- 2 5- 2 5- 2	2 27 2 26 2 24	5- 3 5-23 5- 2 5-23 5-23		10-30 9-25 9-24 9-24 9-24	32 1 32 1 31 1	10-30	25 24 22	11- 3 10-30 10-30	24 24 22	11-25 12-14 11-25	20 17 18	12-15 12-15	15 7 6	290 291 284	247 290 247	202	181 181 161	125 145 124
WAYNE 2 WILLIAMSON WINFIELO LOCKS CENTRAL 04	98 93	8- 4+ 8- 4	-11 -11	1-24 1-25+	2-28 2-28	7 4			- -23 -24 23			5- 2 5- 3		10-30 10-30								- 12-15 12-15				225 266		
ARBOVALE 2 BAYARO BECKLEY V A MOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW	87 84 86 86 87	7-18 6-30+ 5- 9 8- 3+ 7-19+	-18	2-16 1-29 1-24 - 2-15	4-16 3-23 3-23 -		4-16 4-16 3-23 5- 2	5-	- 3 22 - 3 24 - 2 22 - 3 24	5-24 5- 3	25 28	5-24 5-24 5-24 5-12	25 30	9-23 9-23 9-23 9-23 9-22	25 29 1 32 1	9-23 9-23 10-31 11- 2 9-22	25 22 28	9-24 10-31 11-13	23 22 24	9-24 11-25 11-16 12- 1	18 19	12- 2 12- 2	7	254 254	161 223 238 -	143 144 182 - 163	122 181 -	122
BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	89 90 84 90 82	7-18+ 7-18+ 7-17+ 7-17 8- 3	-22 -19 -26 -21 -21	1-29 1-28 2-27 2-27 1-24		15	4-6 26 4-16 16 4-16 17 3-23 18 3-23 18	5 5- 7 5- 5 5-	- 2 22 - 3 23 -24 21 - 2 23 -16 23	5-3 5-24 5-3	23 21 3 27	5-24 5-24 6-23 5-24 5-23	30 30 31	9-23 9-23 7-10 9-23 9-23	31 32 32	9-24	24 21 27	9-24 9-23 10-31	24 21 22	11-25 10-31 11- 4 11-25 11-25	18 18 16	11-13 11-25 11-25	15 15 16	211 247 247	198 202 247	144 122 182	144 122 144	122 17 122
MOPEMONT MC ROSS OAK MILL PARSONS 1 SE PICKENS 1	88 92 91 85	8- 3 8- 4 6-26 7-17	-31 -18 -15 -17 -21	1-29 1-24 1-24 2-27+ 2-27+	3-23 3-23 3-23 3-3 3-23	9 16 16	4-13 3-23 3-24 18 3-23 17 4-12	5 · 3 · 4 ·	-24 24 - 2 24 -24 18 -16 23 - 2 21	5- 4 5- 3 5- 3	27 3 27 3 28	5-26 5-24 5-3 5-24 5-24	29 27 32	9-23 10-18 9-24	30 1 31 1 31 1	9-23 10-11 10-31 10-14 9-23	25 1 26 1 28 1	10-31 11-16 11- 4	20 24 23	10-31 11-25 12- 2	20 19 14	11-25 12-15 12- 2	16 8 14	247 267 274	222 246 254	182 237 202	160 181 164	122 168 123
RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	88 92 83 94	8- 4+ 7-17+ 7-19+ 6-10		1-24 1-29 1-24 1-24	2-28 4-11 3-23	14	3-23 17 5- 2 19 3-23 12	9 5-	-16 24 - 2 19 -16 23	5- 2	19	5-24 5-24 5-24	32	9-23	32 I	10-31 10-31 10-31 10-31	27   28   3	11-4	23	12- 2 11-25	16 20	12- 2 12- 2	16	235	207	196	182	122
ATMENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM GARY KOPPERSTON	88 87 92 94	8- 5+ 8- 3 8- 4 8- 4	-16 -18 - 9 -11	1-24 1-24 1-25+ 1-25+	2-27- 2-27- 2-28 2-28-	1	3-23 3-23 2-28 3-24 20	3-	-23 18 -23 20 -24 23 -24 20	5- 1 4-16	27	5- 3 5- 2 5- 3 5- 3	31 31 28	10-30 10-30 10-31 9-24 11- 2	30 1 28 1 32 1	11- 2 10-31 10-30	27 : 28 : 24 :	11-25 11-13 10-30	24 23 24	12-14 12- 2 11-25	10 19 20	12-14 12-15 12-15	10 13 12	290 290 290	266 277	247	185 198	181
LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPMUR SPRINGS	94 92 91 95	8- 3 8- 4 8- 4 8- 3	-16 -10 -16 -13	1-24 1-24 1-24 1-24	- 2-28- 3-15 2-28	15	3-15 17 3-24 20 3-23 20 3-15 18	3-	-16 24 -24 20 -16 21 - 2 23	5- 3	28	5- 2 5- 4 5- 4 5-24	32 31	9-25	32 I	10-31 10-30 10-31 9-24	27 1	10-31	24	12- 2 11-13	20	12-15 12- 2	13	290	253	198	180	144
NORTHEASTERN 06 BERKELEY SPRINGS FRANKLIN 2 NE MARPERS FERRY NAT MONMT KEARNEYSVILLE 1 NW KEYSER	95 91 97 94 96	7-26 7-18+ 7-27 7-28+ 7-19	- 4	1-29 2-16 12-31+ 1-29	2-27 2-27 2-28	14 2 8 11	3-15 20 3-23 20 2-27 8 2-28 11 3-12 12	3 3-	- 6 22 -16 22 - 3 24 - 3 24 -22 22	5-24 4-10 4-25	27	5-24 5-24 4-16 5-24	27 32	9-23 9-23 11- 4 9-23	29 30 1	9-24	24 27 1	9-24 12- 2	24	12- 6 11-25 12-15 12- 7	18 13	12- 4 12-15	14	280 291	247 291	161 274	123 217	122
MARTINSBURG FAA AP MATMIAS MOOREFIELO MCNEILL OMPS PETERSBURG	96 93 95 96	7-17+ 7-18+ 7-17+ - 7-18		1-29 1-29 1-29 - 1-29	2-27 2-27- 3-15 - 2-27	6	2-27 3-15 4-16 19 3- 3	3-	- 3 24 -16 22 - 2 22 -16 23	4-16 5-24 5-24	26	5-24 5-24 5-24 - 5-24	26 26	9-23 9-23 9-23 11- 4 9-23	27 25 27 1	10-14 9-23 9-23 11- 4 9-24	27 25 27	9-24 9-24 12- 6	22 23 21	11-13 11- 4 12-15	20 17 13	12-4 12-15 12-15	13 9 13	280 275 -	243 202 -	161	122	122
												followi		Station 1														

NEW NAME

GLENVILLE LEWISBURG 2 SSW RICHWOOD SUMMERVILLE

ALPENA 1 NW BELINGTON CENTRALIA 2 NNW GARY GLENVILLE

GRIFFITHSVILLE

KERMIT LEWISBURG 2 SSW MARTINSBURG 2 W MC · ROSS RICHWOOD

SMOOT SUMMERVILLE WEBSTER SPRINGS

### TEMPERATURE EXTREMES AND FREEZE DATA

WEST VIRGINIA 1963

						-	Last sp	ring minin	nur	n of					Fi	rst fa	ll minim	ım of					Numl			
Station					16° c		20° or below	24° or below		28° or below		32° or pelow	32° bel		28° o		24° or below	20° bel		16° c		elow	elow	elow	elow	elow
	Highest	Date	Lowest	Date	Date	Temp.	Date Temp.	Date	Temp.	Date Temp.		Date Temp.	Date	Temp.	Date	Temp.	Date	Date	Temp.	Date	Temp.	16° or b	20° or b	24° or b	28° or b	32° or b
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	95 95 95	7-29 7-18+ 7-19+		1-29	2-28 2-27 2-28	5	2-28 12 3-15 18 3- 3 19	4-16 2	22	3-23 25 5- 3 28 4-26 28	3 5	-24 32 -24 29 -24 29	9-2		9-24	26	11-25 10-15 11- 4	4 11-	4 20	12-15	14	291	234	182	144	122

CHANGES IN STATION NAME-

FORMER NAME

GLENVILLE 2 NE LEWISBURG RICHWOOD 1 E SUMMERVILLE 3 NE

RELOCATION AND CHANGES OF EQUIPMENT

Equipment moved 140 feet N Equipment moved 17 feet W and temperature equipment installed Equipment moved 2.1 miles NW Cotton region sbelter moved 8 feet W

Equipment moved 1.5 miles SW

Standard rain gage moved 15 feet SW

Equipment moved 0.2 mile W
Equipment moved 0.1 mile SSE
Equipment moved 2.5 miles SW
Equipment moved 30 feet N
Standard rain gage moved 20 feet E
Equipment moved 0.5 mile NW

Equipment moved 2.4 miles N Equipment moved 1.0 mile SW Equipment moved 1 mile NE

DATE - 1963

November 6 March 20 May 24 November 23

October 22 October 9 September 21 June

November 6

April 27

October 15 November 18 May 20 July 12, 1962 April 26, 1962 May 24

April 15 November 23 August 25, 1962

A Special Weather Summary describing unusual weather in 1963 was included each month except the September issue of this publication.

Station	o N County	rainage, suitude ongitude	Years of Opened record during yr Refer	Station	of N County	age. inde	Years of Opened or closed during yr Refer to
	County County	ロコココ	Precip.  Fyap.  Month opened Month closed closed closed			Drainage. Latitude Longitude	Frank North Condition Cond
ALBRIGHT ALORRON ALPENA 1 NV ARBOVALE 2 ATHENS CONCORO COLLEGE GAYARO RECALEY VA MOSPITAL GFCKLEY WA BP GELLINGTON SELLEVILLE OAN 20	009-0 O- PRESTON 0102-05 HONROE 014-104 RANOOLPH 0249-04 POCANONTAS 0557-04 GRANT 0580-04 RALETIGH 0582-04 RALETIGH 0683-02 BARBOUR 0643-01 WOOD	2 19 29 79 18 1219 7 17 44 00 38 1555 2 16 55 79 40 3020 7 30 26 79 49 2130 9 39 16 79 22 2375 7 37 27 61 11 2330 7 37 747 01 07 2504 10 39 02 79 56 1679 10 39 02 79 56 00	17 2 2 3 4 0 1 2 3 1 2 3 1 2 3 1 2 3 3 4 0 1 2 2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 3 3 1 2 3 3 3 3	MANHINGTON 1 W MARLINTON PAA AP MARTINSDURO PAA AP MARTINSDURO 2 W MATHIAS MATOAKA MC MICHEN OAN 13 MC ROSS MIOOLFROUNT 2 FSF MOOREFILO 2 SSP	1626 02 MARIOM 5872 04 POCAMONTA6 5707 06 BIRKFLFY 5712 06 SPRELEY 5739 06 HARDY 5747 05 HERCIR 5847 01 HARSHALL 5871 04 ORIENBRIER 9961 02 TYLER 8183 06 MARDY	6 39 32 80 22 7 38 13 80 05, 9 39 24 77 59 9 39 28 78 00 9 18 92 78 52 7 37 25 81 15 8 39 59 80 44 9 37 59 80 45 9 39 29 80 52 1 39 02 78 58	917 45 71 1 2 3 535 7 1675 12 24 1 2 3 C 2580 11 2 5 655 47 2 C 2445 9 1 7 3 750 22 22 1 2 3
BEKSON BERSON BERS RUN I SSE BERSELEY SPRINGS BIRCH RIVER 6 SSW BLUFFIELD FAA AIRPORT BLUESTOME DAW BRANDONVILLE BROWN RUN BRANDONVILLE BROWN RUN	0661 04 NICHOLAS 0679 02 HARRISON 0687 01 TYLER 0710 06 MORGAN 0844 06 HICHOLAS 0921 09 MERCER 0939 09 SUMMERS 1079 03 LINCOLM 1083 04 PRESTON 1206 06 PROLETON	4 38 14 81 12 748 10 39 09 80 33 1080 8 39 28 81 06 644 9 39 37 78 14 840 7 37 18 81 28 31 188 7 37 18 81 13 280 7 37 18 81 13 280 7 37 38 13 82 12 600 2 39 40 79 37 1798 9 38 50 79 15 1373	3 36 36 1 2 3 4 62 62 1 2 1 2 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1	MODREFIELD MCNEILL MORGANTOWN FAA AIRPORT MORGAMTOWN L AMO O MOUNDSYLLE MT STORM NAOMA NEW CUMBERLANO NEW MARTIMSVILLE OAK HILL OAK HILL OAK)	8180 06 MAROY 8202 02 MONONGALIA 6212 02 MONONGALIA 6248 01 MARSHALL 8293 04 GRANT 6362 04 RALEIGH 6402 01 HAMCOCK 6407 01 WEIZEL 6591 04 FAYEILE 6594 68 MORGAM	9 39 0 76 54 6 39 36 79 55 6 39 37 79 58 8 39 54 80 45 9 39 17 79 14 4 37 52 81 29 6 40 30 80 36 8 39 39 80 52 7 37 56 81 09 9 39 30 78 17	825 40 40 1 2 3 820 1 1 JUL 1 2 3 2865 1 3 2 C 1 210 C 750 68 65 1 2 3 637 70 69 1 2 3 1991 21 21 1 2 3 C
BUCKEYE BUCKHANNON 2 W BURNSYILLE CAMOEN ON GAULEY CANAAN VALLEY CENTRALIA 2 NHW CHARLESTON W AP CHARLESTON B AP CHARLESTON I	1215 04 POCAHONTAS 1220 02 UPSHUR 1282 02 BRAXTON 1328 01 RICHIE 1363 04 WE6STER 1393 04 TUCKER 1520 02 BRAXTON 1570 03 KANAMHA 1575 03 KANAMHA 1677 02 HARRISON	7 38 11 80 08 2100 10 39 00 80 16 1645 9 36 52 80 40 770 9 39 10 81 10 680 2 19 03 79 26 1250 4 38 28 80 05 1250 4 38 38 80 35 1250 4 38 21 136 919 4 38 21 81 35 80 6 39 16 80 21 971	5 66 72 1 2 3 3 3 5 7 5 3 1 5 7 5 3 1 7 3 5 7 5 3 1 7 3 5 7 5 3 1 7 3 5 7 5 7 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	PARKERSBURG FAA AP BPARKERSBURG WE CITY PARKERSBURG PHILIPPI PICKENS 1 PIEOMONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON	6849 01 WOOD 6859 01 WOOD 6867 04 TUCKER 6954 06 GRANT 8982 82 5ARROUR 6991 04 RAMOOLPH 7004 06 NTINERAL 7029 05 WYONINO 7112 03 MASOM 7287 09 WERCER	8 39 21 81 26 8 39 14 81 34 2 39 06 79 40 9 39 00 79 07 10 39 09 80 02 10 38 40 80 13 9 39 29 79 02 3 37 35 81 32 8 36 59 82 07 1 37 22 81 05	615 76 76 1 2 3 C 1680 62 62 1 2 3 1011 24 24 1 2 3 1281 70 2 2695 61 62 1 2 5 1053 69 47 1 2 3 1286 20 20 1 2 3 610 1 1 1 2 3
CLAY 1 CLEMEMIN 1 SW CORTON CRESTON 1 5SW ORY CREEK OUNLOW 5 E ELKIMS MAIRPORT ELLENGORO FAIRMONT	1696 03 CLAY 1723 03 KANAWHA 1999 03 KANAWHA 2094 01 MIRT 2209 04 TUCKER 2462 04 RALEIGH 2520 03 MAYNE 2718 04 RAMOOLPH 2746 01 RITCHIE 2920 02 MARION	4 38 27 81 05 722 4 38 29 81 22 619 5 38 56 81 17 648 2 19 08 79 28 3120 4 37 52 81 28 1264 8 8 02 82 20 850 10 38 53 79 51 1970 5 39 16 81 04 805 6 39 28 00 08 1298	13 2 2 1 2 3 C	RAVENEMOOD OAM 22 REMICK 2 5 REMICK 2 5 REMICK 2 5 REMICK 2 5 RIPLEY 0 ROWNEY 3 NNE ROWLESBURG 1 57 MARYS SMITHBURG SMITHVILLE SMOOT	7352 03 JACKSOM 7444 05 GREEMBRIER 7503 04 NICHOLAS 7552 03 JACKSON 7730 04 NAMPSHIRE 7785 04 PRESION 7875 01 PLEASAMTS 8274 02 0000R10GE 8286 02 RITCHIE 8299 04 GREEMBRIER	8 38 57 81 46 7 17 58 80 21 4 38 13 00 31 8 38 49 61 43 9 39 23 78 44 2 39 21 79 40 6 39 23 61 12 6 39 17 80 44 5 39 04 81 05 4 37 53 80 48	1900 47 2 2300 3 3 1 2 3 610 16 16 1 2 3 640 10 10 1 2 3 1375 20 78 1 2 3 795 51 2 6800 C
ELAT 70P FRANKLIN 2 NE FREEMANSOURG GARY GARY GLEWILLE GRAFTON 1 ME GRANTSYLLE 2 MM GRIFFITHSVILLE MACKER VALLEY	3072 04 MERCER 3215 06 PENDLETON 3238 02 LEWIS 3353 05 MC DOWELL 3361 02 BRAXTON 3544 02 GILHER 3630 02 TAYLOR 3648 02 CALHOUN 3749 03 LINCOLN 3779 03 MEBSTER	7 17 35 81 07 3229 9 38 40 79 19 1900 6 39 06 80 11 1030 1 37 22 81 31 1426 4 38 40 80 46 640 5 38 56 80 50 727 10 39 21 80 00 1230 5 38 56 81 06 730 3 38 14 81 59 950 4 38 39 60 23 1501	1 1 5 2 6	SPENCER SPRINGE FRED 1 N SPRINGE FROD STONY RIVER OAM SUMMERSVILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM	8384 03 ROANE 8409 01 HAMPSHIRE 8433 04 PENOLETON 8536 04 GRANT 8608 04 NICHOLAS 8662 02 BRAXTON 8782 04 PRESTOM 8807 04 TUCKER 8924 03 MASON 8966 02 TAYLOR	9 38 48 81 21 9 39 28 78 42 9 38 41 79 31 9 39 08 79 18 4 38 17 80 50 4 38 39 80 41 2 39 27 79 33 2 39 09 79 30 4 38 41 81 50 10 39 19 80 02	795
MALL MAMLIN MARPER SFERRY MARPERS FERRY NAT MOM MASTINGS HICO MOGSETT GALLIPOLIS OAM MOPEMONT MORNER MOUL LOCK 15	3816 02 BARBOUR 3846 03 LINCOLN 3927 06 JEFFERSON 3932 06 JEFFERSON 3974 02 WETZEL 4128 04 FAYETTE 4200 03 MASON 4264 04 PRESTON 4281 02 LEWIS 4309 02 MARION	10 39 03 80 07 1375 3 38 17 82 06 642 9 39 19 77 44 220 6 39 39 19 77 44 220 6 39 33 00 40 760 7 38 07 81 00 1955 8 38 41 82 11 570 11 39 26 79 31 2490 6 38 59 80 22 1075 6 39 30 80 88 878	2 20 20 1 2 3 5 5 5 5 1 2 3 5 5 5 5 5 1 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	UNION VALLEY BEMO VALLEY HEAD VANDALLA MARDEMSVILLE R M FARM MASHINGTON DAM 19 MAYNE 2 MEBSTER SPRIMGS 1 E WEIRTON MELLSBURG 3 NE	9011 05 9068 04 RAMOOLPH 9086 05 RAMOOLPH 9104 02 LEWIS 9281 06 HARDY 9309 01 WOOD 9323 03 WAYNE 9333 04 WEBSTER 9345 01 MANCOCK 9368 01 BROOKE	7 37 36 80 32 10 38 46 79 56 10 38 33 80 02 6 38 56 80 24 9 39 06 76 35 6 39 15 81 42 7 36 13 82 26 4 38 29 80 25 6 40 24 80 36 6 40 18 80 35	2010   25   2   2   2   2   2   2   2   2
HUNGRED HUNTINGTON FED BLDG HUNTINGTON MB AIRPORT IAEGER IRELAND JANE LEW KERNEYSVILLE 1 MW KERNIT KEYSER KOPPERSTON	4369 01 WETZEL 4388 03 CABELL 4393 03 CABELL 4408 05 MC DOWELL 4408 05 LEWIS 4559 02 LEWIS 4559 02 LEWIS 4560 03 MINGO 4816 03 MINGO 4836 006 MINERAL 4956 05 WYONIMG	8 39 41 80 27 1018 8 38 25 82 27 565 8 38 22 62 33 62 1 37 26 81 49 1084 6 38 49 80 28 1142 6 39 06 80 25 1020 9 39 23 77 53 50 1 37 50 82 24 625 9 39 26 78 59 30 3 37 45 81 34 1450	5 15 15 1 2 3 C 3 4 17 2 3 C 5 17 2 3 C 5 17 2 3 C 5 17 2 2 5 1 2 2 5	WESTON WEST UNION WHEELING MARMOOD ON 12 WHITE SUPPUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	9436 02 LEWIS 9450 02 0000R10GE 9492 01 0H10 9522 05 GREENBRIER 9554 03 CLAY 9605 03 MINGO 9610 03 MINGO 9683 03 PUTNAM	6 39 02 80 26 5 39 18 80 47 6 40 06 80 42 7 37 48 80 16 4 36 26 80 52 1 37 40 82 17 1 37 40 82 17 4 38 32 61 55	1000 1 1 0CT 1 2 3 659 55 79 1 2 3 1914 60 59 1 2 3 1143 3 2 673 60 61 1 2 3 659 13 2
KUMBRARDU STATE FOREST LAKE LYNN LEWISBURG 2 SSW LINOSIDE LIVERPOOL LOCKEEY LOGAN LOCKEY MADISON MANINGTON 1 N	4971 04 RANDOLPH 5002 02 MOMOMGALIA 5224 05 GREEMBRIER 5284 05 MOMROE 5323 03 JACKSOM 5341 02 GILMER 5353 03 KANAWHA 5563 03 KANAWHA 5661 02 MARION	10 38 35 80 05 3210 2 39 43 79 51 900 7 37 46 80 28 2185 7 37 27 80 40 200 6 38 54 61 32 665 5 38 51 80 58 720 3 37 51 82 00 664 4 38 12 81 22 623 4 38 03 81 49 67 6 39 33 80 21 975	0 39 2 C 5 61 67 1 2 3 C 0 C 0 C 0 1 2 3 C 0 1 2 3 C 1 2 5 C				

1 1-BIG SANDY; 2-CHEAT; 3-GUYANDOT; 4-KANAWHA; S-LITTLE KANAWHA, 6-MONONGALELA; 7-NEW; 8-OHIO; 9-POTOMAC; 10-TYGART; 11-YOUGBIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building. West Virginia University, Morgantown, West Virginia 28506, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature ln °F., precipitation and evaporation ln inches, and wind movement in miles

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 4.

Normals for all stations are climatological normals based on the period 1931-1960. "OEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

Years of Record as shown in the Station index are approximate since gaps in the records may not have been considered in arriving at the totals shown

Climatological divisions outlined on the maps in this bulletin became effective with data for January 1957.

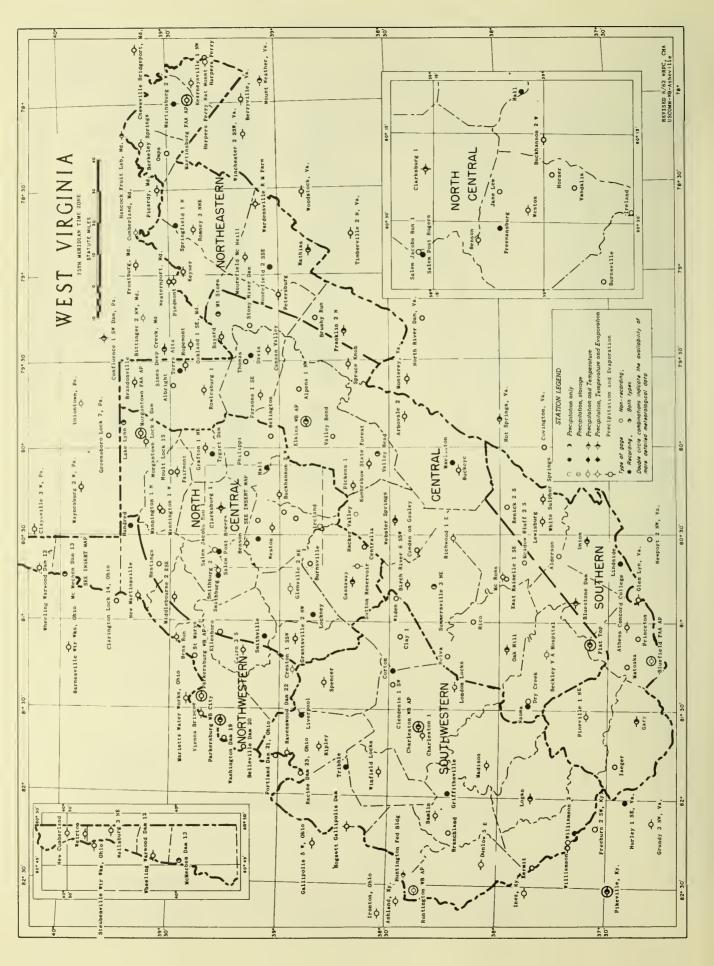
Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Oclayed data and corrections will be carried in the June and December issues of Climatological Data.

- + Also earlier date (dates) or months.
- · Amount included in following measurement.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a hullding.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Oata for recorder stations denoted by "C" in the Refer to Tables column of the Station index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount 1s wholly or partially estimated.
- M One or more days' record missing; if average value is entered, less than 10 days' record is missing See monthly Climatological Oata for detailed daily record.
- R Amounts from recording gage. These amounts are essentially accurate but may vary slightly from the amounts to be published later in "Bourly Precipitation
- T Trace, an amount too small to measure.
- V Includes total for previous months. V in annual column means total is for a two-year period.

Information concerning the history of changes in locations, elevations, exposures, etc., for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, O. C. for 35 cents. Statlar information for regular Weather Bureau stations may be found in the latest annual issues of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Occuments, Government Printing Office, Washington, O. C. 20402.



# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

## CLIMATOLOGICAL DATA

## WEST VIRGINIA

JANUARY 1964 Volume 72 No. 1



APR 2 0 1964

INIVERSITY OF THE

#### WEST VIRGINIA - JANUARY 1964

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 71° on the 24th at Williamson

Lowest Temperature: -23° on the 15th at Birch River 6 SSW

Greatest Total Precipitation: 4.93 inches at Canaan Valley

Least Total Precipitation: 1.93 inches at Point Pleasant 5 NNE

Greatest One-Day Precipitation: 1.46 inches on the 9th at Birch River 6 SSW

Greatest Reported Total Snowfall: 32.0 inches at Hopemont

Greatest Reported Depth of Snow on Ground: 27 inches on the 15+ at Hopemont

#### SPECIAL WEATHER SUMMARY

The 2-day blizzard which began Sunday, January 12, and ended early January 14 will long be remembered in the northern half of the State. The intense storm which moved up from the southwest deposited 10 to 20 inches of snow over this general area with totals up to 30 inches over the mountains. This was the greatest snowfall for this area since the day after Thanksgiving 1950.

The entire State enjoyed spring-like weather the last half of the month. The sunny skies melted away most of the snow the week after the storm, and the general rains on January 20 and 24 washed away the balance of the snow on the north-facing slopes. For the entire month Parkersburg's Weather Office reported 60 percent of total

possible sunshine as measured on their sunshine recorder, which was double their normal average of 30 percent.

Despite the heavy snowfall, the liquid equivalent of precipitation was below normal at most stations.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

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		Ī		Ter	nper	ature		1	1 1				-	1		Proci	pitation	-				
Station	:			3					2	-	o of D	_		3	14		Sno	w. Bleet	1	-	o, of 1	2
Olduoli	Average	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Day	Mes or Abbre	+	Min.	Total	Departure From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or Mos
NORTHWESTERN 01		74		11 44	14	-	D44		ы	0.5	18 0			J-1 (As	-	-	F	<i>p.</i> 0	-	Ė	-	
BENS RUN 1 SSE CAIRD 3 S CRESTON 1 SSW MOUNDSVILLE NEW CUMBERLAND	42.8 45.4 44.0 45.7 42.4	17.1 19.3 14.7 20.2 21.0	30.0 32.4 29.4 33.0 31.7	= 4.5 = 2.1 = 4.8 = 0.4	63 63 63	23+ 24 23	= 2 = 5 = 9 = 7 =10	16 15 14	1078 1008 1098 986 1023	00000	6 3 7 4 6 6	1 1 7	2.13 2.68 4 0 2.62 2 0 2.10 1 2.22	- 1.13 - 1.34	.60 D 1.00	13	13.0 13.2 14.5	12	13 15• 14• 13	6 6 8 7 5	1 3 1 1 2	0 0 1 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	46.3 43.9 44.9 42.0 42.2	22.0 25.1 25.4 23.1 18.1	34.2 34.5 35.2 32.6 30.2	0.1 0.6 = 1.8	66 63 65 64 62	23 23 23	7		950 940 918 999 1072	0 0 0 0	5 2	3 (	2.41	- 1.14	.57 .52		13.6 11.0 12.0 16.0	11 10 12	14. 15. 15. 14. 15.	6 7 7 7	3 1 1 2 2	0 0 0
WHEELING WARWODD OM 12	40.8	20.8	30.8	- 1.2	60	25+	<b>-</b> 2	14	1052	0	6 2	9	2.68	39	.80	2		12	15.	7	2	0
OIVISIDN 01			32.2	- 1.2								i	2.42	- 1.01			13.4					
NDRTH CENTRAL 02																						-
BELINGTON BENSON BUCKHANNDN Z W CLARKSBURG 1 FAIRMONT	44.5 47.8 45.0 44.3 43.4	16.5 18.2 20.1 20.1 24.3	30.5 33.0 32.6 32.2 33.9	- 1.2 - 1.6 - 0.3 0.3	68 65 63 64 63	24 25+ 25	= 8 -14 -11 - 6 2	15 15 14	1059 984 997 1010 957	0 0 0 0	5 2	8 7 8	2 2.72	- 1.42 - 1.58 87	.55	9	17.5 16.1 11.5 20.5	15 12 11	14 13 13 14+ 14+	8 9 8 7 6	1 1 2	0 0 0
GASSAWAY GLENVILLE	47.9 44.4M	20.5 17.3M	34.2 30.9M	- 5.2	66		- 9 - 7	15 15	949 1084	0		6	3.17	- 1.01	. 72	13	16.8		14+	9		0
GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N	46.1	16.1 17.8	31.1	- 2.0	66		- 7 -14		1043 1054	0		10		64	.65		12.0	15	13	10		0
MIDDLEBOURNE Z ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNION	44.6 43.1 45.0 44.9 46.1	20.1 24.9 20.2 18.8 20.3	32.4 34.0 32.6 31.9 33.2	- 3.6		24	- 4 2 - 1 - 4	14 15	1004 952 997 1020 979	0 0 0	6 8	8	2.14 2.06 4.00	- 1.44 45	.57	13 13 13	10.0 13.6 15.8 18.4	17 15 12	14+ 14 14 15+ 13	6 7 7 9 8	1 1 1 3 2	0 0 0
OIVISION 02	40.1	20.3	32.4	- 1.9	63	- )•		1,	7/7	0	3 6		2.82			0	15.4	11	13	٥	-	Ü
SOUTHWESTERN 03												n										
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	45.9 48.2 49.1 45.9 47.1	25.6 20.1 20.5 25.6 17.0	35.8 34.2 34.8 35.8 32.1	<b>-</b> 0.8	67 70 65 62 68	43+ 23	3 0 - 9 6	15 16 14	899 950 928 900 1016	00000	4 2 4 2	14 (19 1) 17 2 15 (11 3	2.13 2 D 3.70 3.22			13	11.3 9.2 9.2 9.0	9 9 12 8 8	14 14+ 14	9 5 8 8 7		0 0 1 0
HDGSETT GALLIPDLIS OAM HUNTINGTON FEO BLDG HUNTINGTON WB AIRPDRT LOGAN LDNDDN LDCKS	42.2 44.8 46.8 45.3	19.7 23.5 20.9 23.2	31.0 34.2 33.9 34.3	= 2.4	67 66 67 67	23	- 5 0 5	14	950 956 946	0	6 4 3	9 a	2.11		. 46	6	10.7		15÷	6 7 8 7	0 1 3	0 0 0
MAOISDN POINT PLEASANT 5 NNE RAVENSWODD OAM 22 RIPLEY SPENCER	45.3 46.2 48.0 48.6 48.2M	20.4 21.6 21.9 20.2 23.5M	32.9 33.9 35.0 34.4 35.9M	- 0.9 0.5	67 66 64 66	23 23 23	- 3 - 3 - 8 5	15 15	991 956 924 944 894	0 0 0	3 2 2 2 2 2	9 (	3.02 1.93 2.42 3.13		.81 .59 .55	7 1 13 13	9.5 11.2 14.5 15.5	7 8 11	14	9 6 7 7 6	2 1 2 3 1	0 0 0
WAYNE 2 WILLIAMSON WINFIELO LOCKS	M 48.2 45.3	ZO.Z Z1.7	34.2 33.5	- 3.6 - 2.2	71 65		5		950 969	0	3 3 6 2	0 0					6.5	9	14	7	3 2	0 1 0
DIVISION 03			34.1	- 2.1									2.72	- 1.06			10.3					
CENTRAL 04																						
ARBDVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	41.7 39.4 45.6 42.8 46.6	16.4 17.9 18.6 23.5 14.2	29.1 28.7 32.1 33.2 30.4	= 0.4 = 2.1	56 65 65	23 + 23 23 23 23 23	- 2 - 8	15 15 15	1107 1122 1011 978 1065	0 0 0	5 3 3 2 5 2	9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3.98	21	.80	7 7 6	12.5 22.0 9.2 11.1	17 8	13 15+ 15+ 16+	9 8 8 8	0 4 3 3 1	0 0 0 0
BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TDP	38.7 M 38.0 43.9 39.1	16.4 16.8M 16.7 19.2 19.8	27.6 M 27.4 31.6 29.5	- 0.9 - 1.3	60 59 55 65 60	25	= 1 =16 =13 =12	15 15	1155 1163 1028 1098	0 0 0 0 0	8 3 6 3 5 2 8 3	0 3	2.98 4.93 3.20	42	.72 .76		19.5 13.0 29.0 13.0	14 22	14+	7 8 12 8 10	2 1 4 2 2	0 0 0 0
HDPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	38.6 45.5 45.4 44.2 43.6	19.3 18.1 19.6 20.7 19.1	29.0 31.8 32.5 32.5 31.4		68 60	25 23 24 25• 23	- 4 -10 - 2 - 8 -10	15 15 15	1111 1022 998 1001 1035	00000	8 3 3 2 4 2 4 2 4 2	8 3	3.47 3.06 3.20		.64 .63 .65 .51	7 7 7	32.0 15.0 12.3 13.8 26.5	9 9 12	15+ 13 14 14+ 15+	8 10 9 10		0 0 0 0
RICHWOOD ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	46.3 43.2 38.6 46.1	19.6 21.4 19.1 22.0	33.0 32.3 28.9 34.1		64 62 57 61	23	-11 - 5 - 4	15	985 1007 1111 951	0 0 0 0	3 2 4 2 7 2 2 2	8 2	4,23 3,12		1.30 .77 .81	13	17.0 28.0 13.0	14 24	15 15+ 2 14	10 7 8	3 1 1	1 0 0
OIVISIDN 04			30.8	8					1			M	3,42	78			17.9					
SDUTHERN 05 ATHENS CONCORO COLLEGE	44.5	22.2	33.4			24+		15	973	0	4 2				.58	6	12.5	7		8	2	0
BLUEFIELO FAA AIRPORT	42.3	25.4	33,9		64	23	6	29+	958	0	5 2	3 (	2,52		.68	20	6.4	6	15+	8	1	0

#### Continued

Continued																							
				Ten	npera	ture										1	Preci	pitation					
	ĺ									N	o. of	Days			Ì			Snov	w, Sleet		No	o of D	ays
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	<b>Degree Days</b>	Ma or Above	-	Min Below	$\dashv$	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
BLUESTONE DAM GARY // R KOPPERSTON LEWISBURG 2 SSW PINEVILLE	42.7 46.6 43.2 43.3 44.1	18.5 17.5 20.9 21.1 16.3	30.6 32.1 32.1 32.2 30.2	- 4.3	70 57 63		- 1 0	15 15 15 16 16	1061 1010 1015 1011 1073	00000	3	30 31 28 29 31	0 0 2 1 1	3.06 2.33 3.78 3.14 2.95	- 1,05	.52 .50 .78 .70	7 20 9	6.0 4.0 7.2 8.0	7 5 7 6	13 14 1 3+	9 8 8 9 8	1 1 3 1	0 0 0 0
UNION WHITE SULPHUR SPRINGS DIVISION 05 NORTHEASTERN 06	42.7 45.9	18.8	30.8 32.5 32.0	= 2.7 = 1.4 = 3.1	64 66	24 23	* 8	15 15	1055 999	0	5 2	28	2 2	2.50 3.38 2.97	25	.70 .61	25 13	8.0 7.4	6	14+	6 8	2	0
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	43.0 46.2 44.5 40.2	22.2 19.2 21.8 22.3	32.6 32.7 33.2 31.3	<b>~ ∠</b> ,6	62 64 61 55	23	1	14 14 16+ 15	994 994 983 1041	0	3 2	22 25 26 25	0 3 0 1	3.24 2.54 4.15 3.45	.60	.99 1.32 .62	9	21.0 12.2 20.1 19.5	9 19	13	6 8	3 1	0 0 2 0
MARTINSBURG FÁA AP MATHIAS MOOREFIELD MCNEILL OMPS PETERSBURG	42.8 43.0 M 38.0M 47.1	21.2 20.3 17.5 22.5 20.6	32.0 31.7 M 30.3M 33.9	- 1.1	56 61 65 64 67	22+ 3 3 23 3	- 1 - 8 -15 6 - 9	15 15 14	1015 1026 1083 957	0 0		25 27 25 26 24	1 1 3 0 1	3.62 3.10 2.96 2.93 2.74	.99 .76	.93 1.00 .92 .78	9	15.7 20.0 16.0	13		6 5 6	3 3 1 2	0 1 0 0
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION 06	40.8 44.5 44.1	23.2 19.9 16.3	32.0 32.2 30.2	- 0.3 - 2.2 - 1.4	62 64 65	3	2 - 6 -10		1018 1008 1073	0		25 26 29	0 2 4	3.18 2.90 3.39	.29 1.28		13 13 13	19.6 18.0 19.2	15 14	15+	8 7 7	1 3 3	1 0 0

						5					UNINKL	1264
Station	Total	1 2 3	4 5 6	7 8 9	] 10 ] 11 ] 12	Day of Month	16 17 18	19 20 21	22 23 24 25	26 27	28 29 30	31
NORTHWESTERN OI BELLEVILLE OAM 20 BENS RUN 1 55E CAIRO 3 CRESTON 1 55W ELLENBORO	2.20 2.13 2.68 D 2.A2 2.59	.51	.0 .61	. 44	8 .05 .36 26 .21	.92 .05 T .95 .02 .91 T D1.000 .20D .10		.08 .07 .07 .08 .12 .04 .15	°00° T °00° T °00° °00° °00° °00° °00°		7 .03	*14 *
MC MECMEN DAM 13 MOUNOSVILLE NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R	2.43 D 2.10 2.22 2.72 2.41	.79 .64 .57	7 .3 .2 .5 .4		09 •11 •10 30 •24 25 T •37	•87 •74 T •38 •01		03 -11 -15 -02 -14 T -13	00* 01* T 00* 00* 00*	7	1 7 T T	.10 .
ST MARYS MASMINGTON DAM 19 MEIRTON WELLSBURG 3 NE MMEELING MARROOO OM 12	2.2	.55 .26 .49 .67 .69	06. 00. 1 .34 .27	.42 .4	72 -15 08 -14 -16 14 T -11	.50 .08 .92 T		.11 .10 .11 .18 T .11	.04 .01 .10		† † † † 7	T .
NDRTM CENTRAL 02 BELINGTON BENSON BUCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	3.79 2.72 2.56 3.49 3.49	.52 .10 .03 .32 .06 .15	+2- +4	.44 .3 .45 .5 .82 .2 .80 .2	31 .75 T 30 .36 .15 55 .17 .10 23 .51 27 .47	.65 .30 .01 .46 .32 .03 .92 .20 .75 .24		.03 .37 .12 .35 T T .33 .13 .34	11 00 01 22		.05 T	T .
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW	2.55 2.57 3.17 3.13	.36 .23 T .24 .31	.6i .5 .3i 	.47 .4 .70 .2	32 .04 .39 37 .17 .36 25 .13 .08	.48 .72 .02		.23 .13 .28 .02 .08 .11	02 01 01 01 01 01 01 01 01 01 01 01 01 01	T T	,	.06 . 06 . 1 .
MASTINGS MORNER MOULT LOCK 15 IRELAND JANE LEW LAKE LYNN	2.71 2.53 2.87 3.01 2.63 2.63	.33 T .20 .05 .08 .15	, 5/ , 3.	. 22	20 .13 .30 .25 .20 .40 .37 .40	.97 .07 .49 1.08 .10 .55 .03 .53 .01 1.00 .18		.13 .32 .05 .15 .33	*01 *21 7 *14	Ť	.03 .02 1 .10	0 0 0
MANNINGTON 1 M MANNINGTON 1 W MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND O PHILIPPI	3.21 3.60 2.08 2.14 2.06 2.43	.20 .26 .46 f	+6: +6: 1 T	.62 .2 .3 .48 .1 .63 T .2	33 .02 .20 33 T .25 16 .21 T	1.33 .12 .30 T .57 T .55 .09 .01 .70 .12 T		.30 .10 .14 .12 Y .25 .14 .06 .15	.04 .11 .02 1 T .11	T	Т	.02 . T .
SUTTON RESERVOIR VANDALIA HESTON HEST UNION SOUTHWESTERN 03	4.00 3.28 4.00 2.92	.19	, 31 +61	.50 .3	6 .82	.77 .18 T .54 .03 .85 .30 .04 .58 T		.90 .23 .40 .06 .06 .27	.10 .11 .01		.04 .03 .02	:
BRANCHLAND CHARLESTON WB AP R CMARLESTON 1 CLAY 1 CLENDENIN 1 5W CORTON	2.73 2.58 2.13 3.46 3.14 D 3.70	.16 T .08 .04 .05 .30 .05 .41	Y .30	.14 T .4 .65 .3 .95 .4	01 .08 T •4 .40 .72	.56 .04 .10 .88 .21		.20 .02 .23 .15 .07 .12 .20 .06 .20	.14 .00 .14 .00 .11 .11		7	.10
OUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS CAN HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT KERNIT	3.22 3.67 2.01 2.11 3.03	.28 .02 .21 .04 .05 .24	.01	.54 .6 .84 f .2 .55 .1	34 .05 .34 24 .29 T 17 .15	.32 .04 .67 .05 .51 .05		.33 1.15 .12 .08	T .12			.27
LOGAN LONDON LOCKS MADISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22	2.74 3.38 3.02 1.93 2.42 3.13	.20 .04 .04 .30 .19 .12 .59	•31	.72 .4 .83 T .3 .81 .3	5 .20 .02 4 .68	.41 .05 .05 .08 .01 .60 .08 .33 T .55 .31 .70		.30 .17 .07 .32 .28 .16	.01 .01 .00 T		,	,
RIPLEY SPENCER WAYNE 2 WIGEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	2.23 2.84 3.83 2.96 3.01 2.24	.21 .22 28 T .25 .12 .28 .08	.61 T	.49 .1 .86 .3 1.00 .9	7 .22	.68 .06 .02 # .95		.08 .03 .11 .17 .13 .35 .60 .35 .17 .06 .05	.00 .6 .22		, i т т	
CENTRAL 04  ALBRIGHT ALPENA 1 NW ARBOVALE 2 BAYARO	3.00 3.87 3.08 3.98	T .05 .15 .42 .45 .18 .24 .25		1.08 .1 .83 .1 .37 .3	13 .50 15 .85 .05 T 13 .42 .10	.60 .10 .75 .08 T .46 T		.40 .38 .04 .28	.07 .11 .49	.02	.02 .01 T .04	
BECKLEY V A MOSPITAL  BECKLEY WB AP  BELVA  BIRCH RIVER 6 55W  BRANCONVILLE  BUCKEYE	3.44 3.46 2.79 2.76 2.98	.10 .10 .28	T •01 •7:	.75 .4	07 .02 .50 .5 .56 .6 .30	.55 .07 .31 .03 .51 .09 T .10 .74 .08 T .72 .04		.19 .26 .43 .16 .22 .47 .05 .25 .12 .20	.15 .00 .42 .10 .10		, T , 09 T	.04
CAMOEN ON GAULEY CAMAAN VALLEY ORY CREEK ELKINS WE BIRPORT FLAT TOP MACKER VALLEY	3.49 4.93 3.37 3.20 3.62	.06 .12	.44 .02 .7	.08 .6 .60 T .2	34 .40 .31 33 .39 .03 30 .08 .12	.48 .09 .39 T .49 .10		.63 .28 .60 .32 .26 .34 .14 .61	.31 .11 .02 .14 .44	T .0.		T .10
MICO MODEMONT MC ROSS HT STORM	2.50 2.77 3.47 3.44	.12 .38 .45 .31 .12 .05 .03	• 0 • 0	.51 .27 .6 .63 .4 .53	29 .41 54 .15 .17 49 .26 .16 .45 .50	.40 .06 T .47 .25 .49 .10 .70 .08		.16 .38 .15 .28 .07 .40 .20 .02 .25	.20 .60 .21 .21		.04 .1	T .
PARSONS 1 SE PICKENS 1 RICHMOOO ROWLESBURG 1 SMOOT SPRUCE KNOB	3.20 4.54 4.23 3.12 3.12	.11 .26 .20 .23 .30 .14	· · ·	1.12 .1 1.30 .3	35 ,45	.58 .34 .02 .65 .15		.32 .10 .71 .57 T .40	.10 .10	-17 T	*11 *02 *02 *10 T	.01 .
STONY RIVER OAM SUMMERSVILLE 3 NE THOMAS  VALLEY BEND VALLEY MEAO WEBSTER SPRINGS 1 E	2.77 3.98 3.14	.04 .11 .30 .13 .27 .27 .50 T	•03	.68 .3 1.06 .2	36 .51 26 .98 T	01.400 .20 .63 .09 T .29 .07 .37 .15 .53 .14 T .38 .30		.21 .19 .77	011 33 000 000 200 200	.09	D •10 •03 •09 T •02 T T	•
SOUTHERN 05  ALOERSON ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE DAM	3.33 3.07 2.52 3.01	.25 .26	, 55 T .1	.28 T .4	2B .37 66 T .26 35 .01 .33 49 .27 T	.80 .04 .24 .04 .33 T	• 09	.04 .5 .54 .01 .68 .23 .21	1 .23 .00		т	т :
			1		1							

See reference notes following Stetion Index.

# DAILY PRECIPITATION

WEST VIRGINIA JANUARY 1964

Station		Total														Day	of M	onth																
Station		To	1	2	3	Τ	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ARY // AEGER COPPERSTON LEWISBURG 2 55W MATOAKA	R	2.33 3.73 3.78 3.14 2.95	.20 .28 .40		.(	7			.33	.50 1.13 .75 .28	Ť	.28 .39 .51 .70	*12 T	Ť	•12 •30 •32 •11	.33	.01 .05 .05	T					.23 .56 .78 .30	•36 •24			, 10	.33 .37 .35 .48	.04					7
PINEVILLE RINCETON HENICK 2 5 HINON HITE SULPHUR SPRINGS NORTHEASTERN 06		2.95 2.60 3.41 2.50 3.38	.13 .37 T	.1 .0	7		т			.99 .23 .90 .19		.33 .24 .59 .49	.26 .17		.17 T T .03	. 44	.05 .03 .10 .03						.24 .28 T .14	.31 .40 .55 .02				.25 .35 .52 .70	.02					
BERKELEY SPRINGS BRUSMY RUN RANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MON		3.24 2.52 2.54 3.00 4.15	. 64 . 33 *	.7	3				τ	.04 .06		.99 .31 .38 .43	.47 .42		•08		.04 .03 .31						, >2 T	•15 •11 •36				.09 .12 .14 .16			т	т		
CEARNEYSVILLE 1 NW CEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL		3,62 3,62 3,10 2,96	.81 .84	-				•	- .01	.06	•	.93 1,00	.02	-	.42 .18	.62	.03	-	•	•	-	-	.33 .28 .15	.45 - T	-	-	.09	.15	-	-	ī	•	- т	:
OMPS PETERSBURG PIEOMONT ROMNEY 3 NNE MAROENSVILLE R M FARM		2.93 2.74 3.18 2.90 3.39	.05 .30 .20	.3	8 6 0					.20 .01		.48 .21 .28 .31	.69 .40	Т		.78 .70 1.10 .83	.20 .09 .05 .12						.04	.49 .30 .24				.09 .07 .30	.02		•01	т		

										111							011														JANU	ARY	
Station		,	2	3	4	5	8	7	8	9	10	11	12	13	14	Day IS	Of M	onth 17	18	18	20	21	22	23	24	25	26	27	28	29	30	31	Average
NORTHWESTERN 01	_	1	-	3	4	3	8			9	10	11	- 12	13	14	13	16	17	10	10	20	A1	26	23		63	- 1	- 67		6.7	30	31	~
BENS RUN 1 SSE	MAX	33	34	39	56	40	50	43	42	53	59	27	36	28	20	<b>41</b>	31	19	42	40.21	55	47	54	45	4.3	52	45	48	27	9.44	41	48	42.B
	MAX	35	25	28	34	17	18	31	17	18	18	7	8 25	15	2	- 2	ė	69	1.5	14	16	26	24	43	30	8.4	27	15	9	10	20	21	17.1
CAIRO 3 S	MIN	23	16	28	27	14	19	31	17	12	19	7	19	16	4	- 4	- 5	10	8	1.3	31	21	21	26	26	38	34	25	27	16	1.8	20	19.3
CRESTON I SSW	MIN	30	35 25	24	59	14	51	28	18	18	20	10	6	19	22	= 9	30	- 4	42	10	12	22	20	50	27	27	12	49	51 IB	26 6	6	18	14.7
MCUNOSVILLE	MIN	21	38 25	56 32	34	52 24	22	31	16	30	12	9	18	12	- 7	- 2	6	23	12	12	34	29	22	63 28	51	61 34	3 3	49 23	15	10	21	17	45.7
NEW CUMBERLAND	MAX	32 17	36 24	51 33	33	48 26	26	40 27	19	57 35	14	31 8	28 15	18	-10	29	36 15	37 26	18	16	27	53	57 24	63	30	58 34	40 32	19	14	12	40 29	21	21.0
NEW MARTINSVILLE	MAX	18	39 26	56 32	49 32	52 20	23	42 30	57 19	57 33	18	10	31 16	13	- 2	35	10	45	16	55 18	49 39	58 28	25	66 29	52 31	51 37	47 34	49	45	12	48	22	46.3
PARKERSBURG FAA AP	MAX	33 25	45 27	55 43	43 28	49 26	42	41	54 23	58 32	32 16	37 11	26 16	13	20 7	31 9	37 18	40 20	47 27	51 25	49 35	30	61 34	63 42	35	60 36	45 33	46 30	31 16	38 12	46 26	48 26	43.9
PARKERSBURG WB CITY	MAX	34 25	46 27	56 42	42 33	50 28	43 29	42 28	55 25	5 8 3 3	33 17	36 12	27 16	20	21	32 6	39 22	42 18	49 24	52 25	51 35	56 32	63 31	65 42	60 36	62 35	34	47 30	31 16	40 11	48 28	48 28	44.9
WEIRTON	MAX	31 20	35 22	52 32	45 32	48 28	42 30	39 27	47 22	56 38	42 13	33 9	27 13	18 11	22	2 g 8	37 18	37 25	43 23	48 21	49 33	52 29	57 30	64 33	54 32	5.8 3.2	40 31	43 23	39 13	34 13	39 30	24	42.0 23.1
WELLSBURG 3 NE	MAX	33 15	35 23	52 29	43 33	47 19	40 20	40 25	47 22	57 21	50 15	32 5	26 15	20 12	21 -12	29 <b>-</b> 7	38 4	37 25	45	50 9	46 33	52 27	58 21	62 27	46 27	59 33	41	43 16	41	35 8	40 26	44 18	42.2 18.1
WHEELING WARWOOD DM 12	MAX	34	33 25	43 28	51 35	36 28	48 29	41 32	39 20	53 20	55 15	25 11	33 10	25 13	- 21 - 2	21	29 11	38 24	41 26	45 19	52 20	47 32	51 28	57 28	60 32	60 34	40 11	41	43 17	27 12	35 12	41	40.8
NORTH CENTRAL 02																																	
8EL INGTON	MAX MIN	37	39 24	49 27	58 33	42 15	49 15	46 27	*1 21	51 24	63 16	26	43	28	22	19	35 - 2	39 9	47 17	49	56 15	46 30	5 ¿ 2 3	64	68 27	59 27	46 31	46	52 17	24 10	40 8	45 18	44.5
BENSON	MAX	32 24	43 26	58 40	56 33	50 17	49 12	44	>9 16	60	60 17	40	35 15	22	21 - 3	32 -14	37 1	44	48 10	53 10	50 28	55 30	62 23	64 25	65 24	62	49	50 23	47 15	3 7 7	46	52 17	47.8 18.2
8UCKHANNON 2 W	MAX	32 26	41 25	55 38	43	47 17	48 18	44	54 17	58 34	47 16	37	29 17	24	16	29 <b>-</b> 11	35 10	41	46 13	50 15	44	52	62 25	63 29	61	63	45 32	50	42 15	38	45 20	53	45.0
CLARKSBURG 1	MAX MIN	33	45 27	56	48	48	46 19	39 22	54 19	60	34	34 8	27	}	18		37	38 13	47 15	52 13	48	53	60	62	62	64	44	48 48	34	37	44	49	44.3
FAIRMONT	MAX M1N	35 26	43	55	45	48	45 29	39	55	59	32	35	24	17	17	28	35 21	41	45	50	50	52	61	60	58	63	44	51	33	35 12	44	47	43.4
GASSAWAY	MAX MIN	35 28	47	60	50	50	44	43	54	63	50 19	42 10	30 19	26	20	35	40	43 10	50	51	48 28	56	62	66	61	63	50	54	49	42	48	52	47.9
GLENVILLE	MAX	20		32	34	11	19		24	56	62	27	38	29	20	21	33	41	42	49 11	54	46	56	63	64	63	45	47	52	27	40	47	20.5
GRAFTON ! NE	MAX MIN		23	,	,,,	**	17	30		2,	. 7	0	••	12	_	- ,	,	- ,	6	••	22	27	21	20	27	29	36	26	.,	9	7	20	17.3
GRANTSVILLE 2 NW	MAX MIN	34	35	48	61	45	52		37	58	61	42	30		23	23		43	47	53	56	45		66	65	62	47	49	53	27	44	50	46.1
MANNINGTON 1 N	MAX	35	41	56	49	49	16	43	50	59	43	34	24	17	- 1 20	31	18	- 1 41	48	53	41	52	59	23	28	62	35 42	50	45	34	9	20	43.9
MIDDLEROURNE 2 ESE	MAX	33	25	31 55	34	50	43	31 43	53	34 58	14	37	33	20	20	-14 32	- 5 37	43	49	53	47	26	60	64	54	38	35 45	49	15	37	46	47	17.8
MCRGANTOWN FAA AIRPORT	MAX	34	27	30 55	34 45	16	45	30	17 47	32 59	32	35	24	13	- 2 19	- 4 29	- 3 35	20 38	45	51	35 51	53	62	62	59	37 62	33	48	16	33	20	19	20.1
MORGANTOWN L AND D	MIN	36	25 42	43 57	30 50	29 48	32 47	43	52	32 60	47	10 35	27	20	21	7 29	38	25	27	51	33	52	35 62	64	36 50	35 62	32 45	50	15	35	25 42	23	24.9
WESTON	MIN	33	19	33	28	21	50	30 47	19	37 57	18	9 27	15 36	30	- 1 23	20	12	22	13	50	3Q 55	28	24 56	27	28	29	26 48	29	15	9 25	22	18	20.2
WEST UNION	MAX	5	28	29 57	35 49	19	20	28	21	21 60	19	9 37	9	15	2	- 4 33	3 41	6 42	14 50	14	16 52	32 56		25 63	28	30 63	35 45	33 50	18		13	50	18.8
SOUTHWESTERN 03	MIN		22	32		18	21	30		35	18		17	15		- 4	1	16	13			21	25		30	33		26	15		23	20	20.3
CHARLESTON WB AP	MAX	20	44	44	47	44	43	39	48	60	32	36	20	21	22	35	40	43	48	54	54	57	63	67	62	64	49	53	40	43	48	54	45.9
	MIN	26	27 35	50	28	20 4A	25			32			20	20	9	3		19	31	27		34		38	34	37		31			28	26 57	25.6
CHARLESTON 1	MIN	12	26	25	32	14	15	32	26	29	17	12	13	20	11	0	5	42	12	19	22	26	25	26	31	34	38	29	18	10	12	24	48.2
CORTON	MIN	27	23	23	22	15	18	33	25	38	19	11	24	28	10	- 6	- 9	48	14	16	51 29	23		29	28	39	36	28	8		52	25	20.5
OUNLOW 5 E	MIN	22	21	54 32	51 31	22	24	32		58 42	15	38 13	36 21	16	19	8	38 18	18	31	49 24	50 33	30	39	42	58 45	57 35	30	53 32		11		53 31	45.9 25.6
HAMLIN	MAX	13	34 28	50 26	25	15	15	46 32	38 28	59 31	19	8	9			- 5	÷ 7	1	46	53 15	55 18	21	60 22	23	68 29	62 30	30	50 26	17	7	8	18	47.1 17.0
HOGSETT GALLIPOLIS DAM	MIN		29 27		56 35	21	48 21		35 27	47 28		29 10	38 11			- 5	31 8	9	42 9	48 18	50 18	28	56 27	64 26	67 32	58 32	34	46		26 10		48	42.2
HUNTINGTON FEO BLOG	MAX																																
HUNTINGTON WB AIRPORT	MAX		44 25		45 31	48 25	43 25	39 27	51 25	58 28	29 15	37 7	27 18	20 10	18	3 1 5		41 15	50 29	50 24	53 36	58 34	65 32	66 40	62 35	62 33	46 31	47	33 15	42 8	48 21	51 27	44.8 23.5
LOGAN	MAX M1N	32 15	35 22	49 22	58 22	48 18	48 19	42 30	41 29	53 29	63 21	33 14	43 15	36 27	28 15	2 9 5	38 7	43 8	45 12	53 22	51 26	45 26	59 26	60 26	67 31	62 31	4 7 3 5	53 28	60 20	32 13	46 13	52 21	46.8
LCNOON LOCKS	MAX M1N	) ) )	34 28				45 24	41 28	41 29				41 12			21		40 10		51 24	52 25	48 30	58 28	58 30	67 33	65 34	49 39	50 40	56 28	33 14	40 16	49 25	45.3

Continued									<u> </u>		<u> </u>				1112		<i></i>														JANU	ARY	1964
Station																Day	Of M									-	r			1			Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	- Y
MADISON	MAX	33 11	35 26	46 26	57 28	45 17	43 17	42 36	40 27	65 29	62 21	31 14	38 12	34 24	25 13	22	34 5	40 6	41 10	20	53 21	26	57 26	60 26	67 31	64 31	46 38	51 27	58 20	29 11	42 11	50 21	45.3
POINT PLEASANT 5 NNE	MAX MIN	33 25	42 26	56 36	50 26	51 19	45 22	42 30	48 23	59 37	45 17	38 8	33 22	25 16	22	- 32 - 3	39 14	39 7	48 18	51 20	51 34	57 30	65 24	66 31	62 30	56 32	47 30	47	44 16	40 7	50 21	49 25	46.2 21.6
RAVENS.OCC DAM 22	MAX	35 26	44 28	62 36	56 33	53 18	50 18	43 32	5 7 20	61 46	51 19	41 9	39 23	26 17	23 13	33 - 3	3 9 0	39 5	43	50 16	51 36	56 25	63 26	64 32	63 32	62 36	47 35	48 27	48 16	40 8	50 19	52 25	48.0 21.9
RIPLEY	MAX MIN	34 26	46 27	60 28	52 28	53 15	46 20	40 25	57 21	63 41	42 18	43 8	40 20	25 18	27	37 - 8	42 - 3	44	52 14	53 15	50 34	60 25	65 23	66 29	60 30	62 38	49 34	51 26	40 16	41 12	52 18	54 22	48.6
SPENCER	MAX MIN	32 26	46 27	60 27	56 33	51 18	47	46 32	54 28	61 43	49 17	40 8	35 22	23 16	20	33	40 17	42 12	51 20	54	51 34	58 31	64	64 35	60 31	62 37	48 35	51 26	49 15	48 14	52 23		48.2
WAYNE 2	MAX MIN																																
WILLIAMSON	MAX M1N	34 14	35 16	50 17	63	49 17	5 1 2 2	42 29	41 27	54 27	65 21	34 14	46 15	37	28 16	28	38	44	48 12	55 23	51 24	45 25	63 25	65 25	71 31	63 31	47 35	54 21	62 20	3 <sub>2</sub>	46 12	53 25	48.2
WINFIELO LOCKS	MAX	36 12	34 16	48	61	41	52	47	37	55	61	31	43	29	21	24	31	41 10	43	48 23	54	47	60	64	65	63	45	47	52	31	44	50	45.3
CENTRAL 04			10	27	,,,	2,5	21	,,,	- 4	,,	-1	.,		20	,	,			.,		23	28	28	28	34	31	37	33	19	12	12	24	21,7
ARBOVALE 2	MAX MIN	32	41	58	.51	47	45	48	39	41	40	36	33	18	17	17	38	42	47	47		50	57	58	51	50	40	50	45	30	42		41.7
BAYARO	MAX	32	37	33 51	28 48	16	9 43	20	40	31 40	41	33	31	8	1	-15 25	- 1 33	10	43	48	25 39	47	54	22 56	51	35 51	32	45	41	34	20 35	37	39.4
BECKLEY V A HOSPITAL	MIN	36	21	35 52	45	23	13	32 41	16	32 58	12 54	46	9 33	24	18	- 2 29	36	16	10	50	21	52	31 61	20 65	60	31 56	28	56	11	6 43	29 47	45	17.9 45.6
BECKLEY WB AP	MIN	12	15	29 51	40	11	18	31 40	23	35 57	30	6 45	21 32	23	6	- 8 27	- 3 34	1 41	45	18	31 43	50	23 59	34 65	29	35 55	27	27 54	13	3	19	19	18.6
BIRCH RIVER 6 SSW	MIN	24	21	32 53	26	21	35	27	31 48	30 57	50	10	18	9 31	19	30	13	16	28	34 52	30 50	28	34	41 65	62	30 58	27	30 53	10	5	25	34	23.5
	M1N MAX	27	24	29	22	- 6	10	27	22	39	- 3	3	15	12	- 4	-23	-18	- 5	11	8	31	17	15	25	23	34	31	21	12	15	13	12	14.2
BRANDONVILLE	MIN	0	10	25	52 31	42 25	18	26	11	25	14	3	6	18	0	- 1	28	19	18	11	50 26	43 27	28	59 27	28	58 28	43 30	40 28	12	3	8	37 11	38.7
BUCKEYE	MAX	35 22	46 24	55 32	32	6	7	31	43	32	19	30	20	12	- 6	-16	<b>-</b> 2	6	8		28		20	20	20	59	43 29	27	51 16	38	48	15	16.8
CANAAN VALLEY	MAX	31 17	36 17	49 33	48 25	35 23	16	39 29	40	52 32	42 8	1	28 7	12	- 4	20 -13	16	35 17	37 19	47	43 27	42 24	50 32	55 27	52 24	50 30	34 30	42	40	- 5	34 22	10	38.0 16.7
ELKINS WB AIRPORT	MAX	37 27	44 25	58 40	24	46 19	45 18	40 23	47 20	58 29	31 14	3 9 5	28 18	20 10	16 -10	32 -12	37 7	45 22	50 21	50 10	48 25	51 30	59 28	65 26	56 27	56 33	42 29	51 27	38 14	40 9	42 20	45 18	43.9 19.2
FLAT TOP	MAX	30 12	31 17	41 19	50 30	38 24	41 24	41 32	33 25	39 30	52 11	21 7	39 13	27 14	19	15 1	27	35 15	38 16	45 21	46 32	37 27	48 27	57 37	60 30	52 31	52 26	42 26	51 19	20 4	41 10	43 20	39.1 19.8
HCPEMONT	MAX	31 16	38 20	41 24	47 28	49 30	52 26	48 23	41 21	40 20	40	30 8	26 8	18	16 - 4	24	30 16	30 20	40 24	40 20	42 28	40 25	44 26	46 36	42 30	54 28	50 31	45 30	41 10	34 6	37 20	42 21	38.6 19.3
MC ROSS	MAX MIN	36 22	45 18	55 27	50 30	49 11	43 15	39 33	40 23	51 34	48 13	40 6	40 21	23 13	18	32 -10	38 - 5	<b>42</b> 0	48 15	51 14	49 30	54 28	60 20	63 29	58 25	52 37	45 28	55 23	52 15	44	46 16	43 19	45.5 18.1
OAK HILL	MAX M1N	38 15	37 23	49	57 32	42 17	52 17	43	44	47 37	59 16	26 10	47 11	34 18	23	21	38	43	48	54 20	53 26	41 29	55 28	64 27	68 34	57 33	46 30	47 26	58 17	24 7	46 7	47 24	45.4 19.6
PARSONS 1 SE	MAX	38 25	42 25	5 7 3 0	48	45 17	43 18	44	47 22	53 40	47	38	28 16	22	16	32 - 8	38	45 15	48	44	49	52 30	57 25	60 25	5 7 26	60 38	43 31	50 28	46 18	39 12	42	41	44.2
PICKENS 1	MAX	40 27	41	52 33	43	41 15	48 25	40	45	56 39	43 12	42	32 16	26 10	15	28 -10	35	45 8	44	52 17	48 30	50 20	58 23	61 30	57 30	56 31	41	48 24	36 10	41 5	40 22	49 19	43.6 19.1
RICHWOOD	MAX	40	44	56 24	55	47 12	47	46	47	57 36	53	46 12	34	27	17	32 -11	39	43	44	52	45 31	51	61	64	57	56 37	43 29	53 25	45	43	44 19	46 21	46.3
ROWLESBURG 1	MAX MIN	36 22	42	55	46	46	46	45	50	56 32	49	38	26 15	21	16	32	36 14	44	46	46 15	41 29	51 31	56 24	62	44	60	44	49	40	38	42 25	36 19	43.2
SPRUCE KNOB	MAX MIN	20	32	48	55	35	48	44	40	38	48	22	зå	35	13	15	28	34	40	44	52	38	48	57	50	54	41	8 6	48	15	41	38	38.6
WEBSTER SPRINGS 1 E	MAX M1N	44	7 46	54	48	41	48	34	47	60	57	43	33	33	23			38	18	48	50	54	49	30	30 61	61	46	27 55	49	44	48	49	19.1
SOUTHERN 05	l l	29	23	25	34	18	28	34	23	43	17	10	20	18	5	4	1	4	18	19	34	25	24	30	30	40	30	26	15	10	23	23	22,0
ATHENS CONCORD COLLEGE	MAX	28	39	46	44	45	45	45	40	56	52	41	40	22	21	30	38	86	43	50	48	49	60	63	63	52	45	52	52	43	45	45	44.5
BLUEFIELO FAA AIRPORT	MIN	12	17 39	37 46	30	24	24	35	27 38	32 55	13	16	19	20	5 15	0 28	34	10	25 43	21	32 45	30	33 58	29	38	32 55	29	31 52	15 37	6	28	25 43	42.3
BLUESTONE DAM	MIN	38	20		29	24	37	39	32	30	50	30	18	32	27	23	17	18	32 38	38		30 41	39	42 50	45 54	29	27 50	34 49	12	6 28	27	34 50	25.4
	MIN	6	22	20	20	16	16	39	27	33	62	12	14	19	12	25	37	3	8	18	18	29	25	24 65	28	28	32	27 50	27	12	13	18	18.5
GARY	M1N	14	22	22	22	16	16	23	25	25	19	10	10	22	12	2	4	4	9	20	20	23	23	24	28	28	23	23	22	9	8	15	17.5
KCPPERSTON	MAX	24	21	20	33	39 14	36	39	28	57	16	35	38	15		- 1	0	40 8	20		32	26	25	52 33	30	57 38	30	27	15		18	22	43.2
LEW15BURG 2 SSW	MAX	35	45 23	55 26	32	19	39 18	39	35 27	43 31	24	10	19	14	7	30	0	7	15	17	41 29	53 31	58 24	63 32	55 29	39	31	29	51 16	8	20	23	43.3
PINEVILLE	MAX	39 7	40	16	55 16	13	49	34	40 24	49 25	61	29 10	10	33 23	28 12	0	34	39	46 7	18	18	41 24	53 23	57 23	54 28	53 28	47 24	51 25	59 23	27 9	43	48	16.3
nvion	MAX	33 9	36 21	45 25	55 33	18	47 20	37 27	41 25	43 34	16	29 10	40 14	25 14	25 5	- 8	- 35 - 2	40	40 12	50 18	46 22	40 30	53 24	59 25	64 29	58 36	46 29	48 29	57 19	26 7	42 17	50 21	42.7 18.8
WHITE SULPHUR SPRINGS	MAX	37 19	46 25	57 24	50 34		40 15	44 32	41 25	48 35	17	43 8	35 20	24 15		- 8	<b>4</b> 0	43	49 13	47	43 26	54 32	61 21	66 28	58 25	55 40	49 31	58 26	53 18	44 7	50 16	46 19	45.9 19.1
																	'	•															

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																Day	OI M	onth															Average
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX MIN	30 16	47 27	62 35		51 33		45 34	40 15	38 33	22	37 18				35 8		41	30			5 7 3 3		52 22	44 25		46 34			37 18	41	3 8 1 5	43.0 22.2
FRANKLIN 2 NE	MAX M1N	26 13	49 15	63	48 35	51 20	48	48 34	42 23	48		42 10	36 15	19	- 22 - 8	36 - 6	43 - 1	45 7	51 13			58	60	64 27	57 26		46 33	54 48	50 17	42 8	20		46.2
HARPERS FERRY NAT MON	MAX M1N	34 18	50 24	54 36	50 30	51 21	48 20	47 33	42 19	38 28	42 18	39 16	35 15		2 7 8	37 1	42 1	43 16	40			59 34	61	52 28	47		53	50 46	48 28	19	46 18	43	
KEARNEYSVILLE 1 NW	MAX M1N	32 19	35 27	48 32		42 28	47 21	34	43	38 32	43 25	28 15	34 20		19	0 0		37 18	38 9	10	39 18	42 34	55 33	55 26	49	51 36	53 35	47 30	5 l 2 n	30 16	36 22		40.2
KEYSER	MAX M1N																																
MARTINSBURG FAA AP	MAX MIN	36 16	49 29	56 33		50 26	46 22				42 23					31 - 1		42 10	47 9		41 19			50 27		53 36	48 34			39 16	43 22		42.8 21.2
MATH1A5	MAX M1N	27 14	47 23	61 26	50 32	46	45 19		38 19	33 32		37 10	29 12	19		3 1 - 8	41	38 10	49 15	49 13	41 28	36	60 30	5 9 2 5	58 32	53 40		53 32	42 18	41 11	23		43.0
MOOREFIELD MCNEILL	MAX M1N	25 15	49 21	65 24		51 17	52 16	50 34	17	36	21	8	15	11	-12	-15	-10	12	16	7	43 17	58 35	62 24	57 20	52 24	51 35	48 36	56 26	48	41 8		44	17.5
OPP5	MAX M1N	22	32 21	47 30	60 36	44 33	50 24	47 26	18	40 19	46 23	25 15	20 16		16	19 7	22 16	40 29	38 16	49 19	47 19	40 28	55 39	64 26	29	29	35	42 34	22	22 15	20	19	38.0
PETERSBURG	MAX M1N	26 13	50 21	67 26		52 32		49 36	45 21	42 31	47 20	40 14	35 14	23		32 - 9	45 1	40 16	50 9		41	60 34		60 24	56 25	57 39		58 34	54 19	42 11			
PIEDMONT	MAX MIN	24	34 20	51 30	5 7 3 5	38 30	48 28	47 34		39 23		24 15	38 16	22 18	20	21 6	34 12	40 24	42			39 32	54 36		57 35	55 34	46 30	44 31		24 15	36 20		40.8
ROMNEY 3 NNE	MAX M1N	25 16	48	64 26	58 36	51 27	43 19	44 35	43 16	38 32	45 23	39 13	33 14				- 44 - 2	43 11	51 8		41 18	57 37	63	54 22	44 25		47 36	55 23	52 21		44	38 15	44.5
WARDENSVILLE R M FARM		- 24 - 2	37 18	50 20		42			47		42 23	28 12				-10				5 Z 8			59 33		55 25	60 27		48 26			41		44.1 16.3

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	erages -		Numl	per of da	ays with	precip	itation			
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1,00 PM EST	7,00 PM EST	Trace	6010.	1049	66 09	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
BECKLEY WE AIRPORT	29	7	12.8	38++	30	20	71	72	55	60	3	5	5	3	0	0	16	-	5.0
CHARLESTON WB AIRPORT	23	13	7.8	35++	24	25	70	74	57	59	5	1	8	1	0	0	15	-	4.9
ELKINS W8 AIRPORT	27	8	9.2	37++	25	25	76	78	58	65	4	6	6	2	0	0	18		5.7
HUNTINGTON WE AIRPORT	18	7	7.8	35++	26	20	71	79	58	61	4	2	7	0	0	0	13	-	5.3
PARKERSBURG W8 CITY	-	-	8.3	34	W	26	_	-	-	-	5	2	6	1	0	0	14	60	_

DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.

Station		_							.	. ]	,,	,				Day														05	-	
NOOTH-FETFON 01		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	;
NORTHWESTERN 01 RESTON 1 55W	SNOWFALL SN ON GND	Т	T	Т	T	T	Т	Т	Т	T	T	т		10.0	2.0	1.0	7	6	6	9	5 4	2	T									
EW MARTINSVILLE	SNOWFALL SN ON GNO		3	2	1	T	т	т					2.1	8.0	T 10	8	7	6	4	3	, 2	1							т			ı
ARKERSBURG FAA AP	SNOWFALL SN ON GND	2.0	,	1	т					T	Ţ	Т	7.0	2.0	T 11	11	10	9	6		T 1	Т						Т	T			
ARKERSBURG WB C1TY	SNOWFALL SN ON GND	2.0		1	т	т	т	т	T	T	T		7.0	3.0		10	9	8	5		T 1	Т	Т	т				T	т			
EIRTON	SNOWFALL SN ON GND	2.0	2	1	т,	т	T	Т	т		Ţ	T	2.0	12.0	12	10	8	6	4	3	T	Ţ	т						т	T		
HEELING WARWOOD OM 12	SNOWFALL SN ON GND	-1	-	- 2	Ť	-	- T	-	-	-	÷	- T	-	-,	12	12	10	- 9	-8	٠,	-	-	-	-	-	-	-	-	-	Ť	-	Ì
NORTH CENTRAL 02																																
ENSON	SNOWFALL SN ON GND	2		•	•	•	•			•	•	•	3	15	12	12	12	11	9	-	3	-	•	•	-	-	•	•	-	•	-	
BURNSVILLE	SNOWFALL SN ON GND	2	3.0		1						T	T	T	14.0	2.0		13	10	8	6	5 T	Ť	т	т	T	т			T			
LENVILLE	SNOWFALL SN ON GND	T 3			3						Ť			13.0			12	11	10	ę	9 8	6	5	5	. 4							
ANNINGTON 1 N	SNOWFALL SN ON GND	1.0		1	. 1	1					1.0	1	6.0	8.5		14	12	10	8		5 4	3	2	1					Ţ			
ORGANTOWN FAA AIRPORT	SNOWFALL SN ON GNO	2.0 T	1	Т						T	Ť	т	0.6 T	11.0	T 17	16	15	13	11		T	1	т	т				Т	T	т	т	
SOUTHWESTERN 03			;																													
CHARLESTON WB AP	SNOWFALL SN ON GND WTR EQUIV	T	Т	Τ.						Т	T		5.4	4 • 6 7 • 6	9	8	.6	3			1 T	T							T			
LAY 1	SNOWFALL SN ON GND	ī		2 2	ī	T	ī	•	-	•	•	•	15	16	16	16	16	:	:	:	:	:	:	:	:	:	:	:	:	:	:	
UNTINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	1		3 1						Ť	T		5.9 T	2.0	8		. 6	5	.5													ı
ACISON	SNOWFALL SN ON GND	1.0			т								Ţ	6.0		6	4	3	2	T	т											-
INFIELD LOCKS	SNOWFALL SN ON GND	- T	-	- T	- T	-	-	-	٠	-	-	-	-	- 8	- 9	- 6	- 5	- 3		-	-	-	-	•	-	-		-	•	-	•	
CENTRAL 04																																
RBOVALE 2	SNOWFALL SN ON GND	2.0	•	9 8	1	6	5	4	4	4	3	3	1.5		12	12	11	9	7		5	1.0	4	k 3		2	1 т	т	T	т	т	
BAYARO	SNOWFALL SN ON GND		2.0		11	10	10	9	8	8	3.0 11	7 8	8	9.0	1.0	T 17	15	13	11	1	1 1	4.0	12	11	10	)	9 8	7	2.0	7	8	В
AMOEN ON GAULEY	SNOWFALL SN ON GNO	1	T 1	1 1	. 1	. 1	1	T T	T		T	т	T	8.0			5	4	2		2	3.0	T	т	т							
ELKINS WB AIRPORT	SNOWFALL SN ON GNO WTR EQUIV	2.0	T	т	T	. т	т	T	T	0.3 T	1.0	т	2 . 2 T	5.9	8	7	5	. 3	. 2		0.1	3 2	1	Т	т	т		0.2 T	0.3 T	Ţ		
FLAT TOP	SNOWFALL SN ON GNO	-	-		-		- 2	- 2	- 2	- 1	-1	- 1	- T	5	-,	-,	-	-,	-4	-	-		- 2	-,	Ť	-	-	-	•	-	-	
MC ROSS	SNOWFALL SN ON GND	1.0		5 4		3	3	2	2	1	т	т	2.0				6	5	4		1.9	2	1	1	T is	т	т	т	т	T	т	1
DAK HILL	SNOWFALL SN ON GND	T,	T :	T 4				1.0 T			0.3 T			7.0	2.0		5	4	3		2	2.0	1									1
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# SNOWFALL AND SNOW ON GROUND

WEST VIRGINIA JANUARY 1964

																Day	of m	onth														
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STATION	K NO.	COUNTY	AGE 1	LATITUDE	TUDE	NOIL		TIM	RVAT E AN	TD CT	OBSERVER	STATION	K NO.	COUNTY	4GE ↑	LATITUDE	TUDE	NOIL	T	SERV IME TAB	AND		OBSERVER
STATION	INDEX	COUNTY	DHAINAG	LATT	LONGITUDE	ELEVATION	TEMP.	PRECIP	EVAP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	ГАТТ	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL	OBSERVER
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BELVA BENSON BENS RUN I SSE BERKELEY SPRINGS BIRCH RIVER 6 5SW BLUEFIELD FAA AIRPORT BLUESTONE OAM BRANCHAND BRANDONVILLE BRUSHY RUN	0679 0681 0710 0844 0921 0939 1079 1083	NICHOLAS PHARRISON TYLER MORGAN NICHOLAS MERCER SUMMERS LINCOLN PRESTON PENDLETON	10 8 9 4 7 7 7 3	38 14 39 09 39 28 39 37 38 25 37 18 37 39 38 13 39 40 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 640 1885 2805 1388 600 1798 1375	6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6	6 6 6 HI	P P P D A B	н	RAYMOND E. PHILLIPS CLARKSBURG WATER BOARD ROBERT IN. MALL H. M. RUPPENTHAL, III SOUTHEASTERN GAS CO. FED. AVIATION AGENCY CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE	MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND DAM MOUNDSYSTLE HT STORM NAOMA NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OWPS PARKERSBURG FAA AP	6212 6248 6293 6362 6442 6467 6591	MONONGALIA MONONGALIA MARSHALL GRANT RALEIGH HANCOCK WETZEL FAYETTE MORGAN WOOD	6 8 9 4 8 8 7	39 38 39 37 39 54 39 17 37 52 40 30 39 39 37 58 39 30 39 21	79 58 79 58 80 45 79 14 61 29 80 36 60 52 61 09 78 17 61 26	825 620 2845 1210 750 637 1991 950	5P 6P 6P	7A 5P 8A 6P 6P 7A 7A	uu u	H H H	FED, AVIATION AGENCY CORPS OF ENGINEERS MOUNDSVILLE SEWAGE PLT MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY DR. 2. w. ANKROM MILES H. MARTIN MRS. E. M. MOVERMALE U. 5. WEATHER BUREAU
BUCKEYE BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMMEN ON GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTON WA AP CHARLESTON 1 CLARKSBURG 1	1220 1282 1328 1363 1393 1526 1570	POCAMONTAS UPSHUR BRAXTON RICHIE WEBSTER TUCKER BRAXTON KANAWHA HARRISON	10 S S 4 2 4	36 11 39 00 38 52 39 10 38 22 39 03 38 38 38 22 38 21 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	939	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 7 7 6 7 MI	PAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		MISS ILEAN WALTON OR. ARTHUR 8. GOULD JOHN W. BROWN EURKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON JAMES W LINGER U.5. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY	WPARKERSBURG WB CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEDMONT PIEDMONT POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7029 7112 7207	WOOD TUCKER GRANT BARBOUR RANDOLPH MINERAL WYOMING MASON MERCER JACKSON	2 9 10 10 9 3 8 7	39 16 39 06 39 00 39 09 38 40 39 29 37 35 38 55 37 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46		7P BA 7A SP	SP 7A 7A 8A 7A SP 7A		н	U.S. WEATHER BUREAU FERNOM EXP. FOREST MRS. BESS S. MOML MRS. MAXINE LEACH MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR. JAMES G. MC DERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS
CLAY I CLENDENIN I 5W CORTON CRESTON 1 55" DAVIS DRY CREEK DUNLOW 5 E ELEINS WB AIRPORT ELLENS ORD FAIRMONT	1723 1955 2054 2205 2462 2520 2716 2746	KANAWHA KANAWHA WIRT OTUCKER RALEIGH WAYNE RANDOUPH RITCHIE MARION	4 4 5 2 4 8 10 S	36 27 36 29 38 29 38 56 39 08 37 \$2 38 02 38 53 39 16 39 28	81 0S 81 22 81 16 81 17 79 26 81 28 82 20 79 51 81 04 80 08	1970	S 6F B 7A	7 7 9 5 9 MI 7	APA	н с с н	MRS. SARAM B. FRANKFORT KATMERINE M. RADER MOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS., RUTH E. JARRELL KELLY BROWNING U. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT	RENICK 2 S RICHMOOD RIPLEY ROMMEY 3 NNE ROWLESBURG I 57 MARYS SMITHBURG SMITHBURG SMOOT SPENCER	7503 7552 7730 7765 7875 8274 8286 8295	GREENBRIER NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS DODDRIDGE RITCHIE GREENBRIER ROANE	8 9 2 8 8 5 4	37 58 38 13 38 49 39 23 39 21 39 23 39 17 39 04 37 53 38 48	80 21 80 31 81 43 76 44 79 40 81 12 80 44 81 05 80 40 81 21	1900 2300 610 640 1375 650 795 840 2450 964	SP SP 7P	5P 7A 7A 5P		н	MRS. MARY V. MC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN M. INGRAM HOPE NATURAL GAS CO. JOHN P JONES W. VA. WATER SVC. CO.
FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE GRIFFITHSVILLE MACKER VALLEY	3215 3236 3355 3361 3544 3630 3646 3745	MERCER PENDLETON LEWIS MC DOWELL BRAXTON GILMER TAYLOR CALHOUN LINCOLN WEBSTER	9 6 1 4 5 10 5	37 35 36 40 39 06 37 22 38 40 38 56 39 21 38 56 38 14 38 39	81 07 79 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59 80 23	3229 1900 1030 1426 840 721 1230 730 950 1501	0 6F 6 8A 0 6F 7 7A 0 8A	0 7 0 6 0 6 0 7	A P A P A A	H H	FRED E. BOWLING GEORGE D. MAMMER COUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN D. MOORE MRS. LELA M. CARTER	SPRUCE KNOB STOWY RIVER DAM SUMMERSVILLE 3 NE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBEE TYGART DAM UNION VALLEY BEND	8536 8608 8662 8782 8807 8924 8986 9011	PENDLETON GRANT NICHOLAS BRAXTON PRESTON TUCKER MASON TAYLOR MONROE RANDOLPH	9 4 4 2 2 4 10 7	36 41 39 08 36 16 38 39 39 27 39 09 38 41 39 19 37 36 38 46	79 31 79 18 80 48 80 41 79 33 79 30 81 50 80 02 80 32 79 56	3050 3400 1850 835 2587 3010 630 1200 1975 2010	7A	8A 7A 7A 7A	7A C		MARRY J. GORDON FRED C. BECKER CHARLES F. GUM CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKINS HISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS. VIOLET L. SWECKER
MALL HAMLIN HARPERS FERRY HARPERS FERRY NAT MONMT HASTINGS HICO HOGSETT GALLIPOLIS OAM HOPEMONT HONRER HOULT LOCK IS	3846 3927 3936 3974 4128 4206 4264 4281	BARBOUR LINCOLN JEFFERSON JEFFERSON WETZEL FAYETTE MASON PRESTON LEWIS MARION	3 9 9 8 7 6 11	39 03 38 17 39 19 39 19 39 33 36 07 36 41 39 26 36 59 39 30	80 07 82 06 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1379 642 409 220 760 1955 570 2490 1075 876	2 8A 5 SF 0 SF 0 7A 0 5F	7 5 3 7 7	A P P A A 7/	k	MRS.OPAL R. JACKSON W. VA. WATER SVC. CO. MISS ELEAPOR J. WHITE NATIONAL PARK SERVICE MOPE NATURAL GAS CO. MRS MILDRED E CRIST CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VALLEY HEAD VANDALIA WARDENSYILLE R M FARM WASHINGTON DAM 19 WAYNE 2 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WEST UNION	9104 9281 9309 9323 9333 9345 9368 9436	RANDOLPH LEWIS HARDY WOOD WAYNE WEBSTER HANCOCK BANCOCK LEWIS DODDRIGE	6 9 8 7 4 8 8	38 33 38 56 39 06 39 15 38 13 38 29 40 24 40 18 39 02 39 18	80 02 80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 28 80 47	2A2S 1120 960 600 600 1515 1040 668 1026	8A SP 6P 6P 7A	7A 8A 7A 6P 6P 7A	9A C		KENT SMECKER CLARASBURG WATER BOARD UNIVERSITY EXP FARM CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HERRY, JR. EARNEST F. SMITH
MUNDRED PHUNTINGTON FED BLDG WANTINGTON WB AIRPORT 1AEGER 1RELAND JANE LEW KERNIT KEYSER KOPPERSTON	4388 4393 4408 4478 4559 4763 4818 4838	WETZEL CABELL CA	6 6 9 1 9	39 41 38 25 38 22 37 28 38 49 39 06 39 23 37 50 39 26 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34		5 MIC 8 MIC 4 2 0 84 5 5F	MI 7 5 4 8 7 7 5 5	D A P P A A P	K HJ	MFGRS. LT. + HT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS RUTH L.SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE OFF COMARD H.BOWEN POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	9522 9554 9605 9610	OHIO GREENBPIER CLAY MINGO MINGO PUTNAM	7 4 1	40 06 37 48 38 28 37 40 37 40 38 32	80 42 80 18 80 52 82 17 82 17 81 55	659 1914 1143 673 659 571	5P 8A	7A 8A 8A 7A		н	CORPS OF ENGINEERS JAMES A. TERRY MRSA JOVEC S. BUTCHER NORFOLK + WESTERN RY. MRS. MILMA E. ROBERTS CORPS OF ENGINEERS
LAKE LYNN LEWISOURG 2 SSW LINOSIDE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS MADISON MANNINGTON I N MANNINGTON I W	5224 5284 532: 5341 535: 536: 556: 562:	MONONGALIA GREENBRIER MONROE JACKSON GILMER LOGAN KANAWHA BOONE MARION	7 7 8 5 3 4 4	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 60 28 60 40 61 32 60 58 62 00 81 22 81 49 80 21	900 2189 2000 669 720 664 621 679 979	5 5F 0 5 0 4 84 3 74 5 6F	P 5	A	T T EE	WEST PENN POWER CO. RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT MOPE NATURAL GAS CO. COY E. MARSHALL COPPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST												

\$ SAZE MARION 6 39 32 80 22 979 79 ORA 3. FROST

† 1 - BIG SANOY; 2 - CHEAT; 3 - GUYANDOT; 4 - KANAWHA; 5 - LITTLE KANAWHA; 6 - MONONGARELA; 7 - NEW. B - ONIO; 9 - POTOVAC; 10 - TYGART; 11 - YOUGHIGGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Citmatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506 orto any Westher Bursau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin,

Monthly and acasonal anowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July tasue of this bulletin,

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Datn" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temporature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation time in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C. G. H. and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Raio Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no eotry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

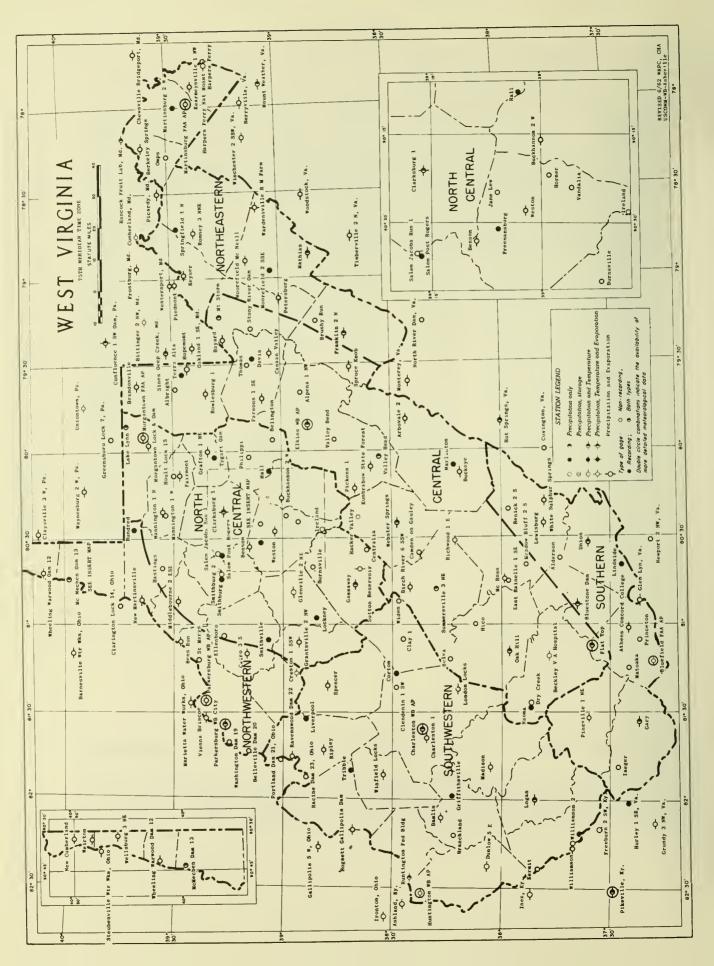
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- $\ensuremath{\mathtt{X}}$  Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions to the U. S. for each mooth are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

USCOMM-WB-Asheville, N. C. --4/13/64-725





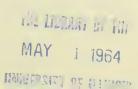


# CLIMATOLOGICAL DATA

# WEST VIRGINIA

FEBRUARY 1964
Volume 72 No. 2





## WEST VIRGINIA - FEBRUARY 1964

## TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 64° on the 6th at Charleston 1

Lowest Temperature: -19° on the 12th at Canaan Valley

Greatest Total Precipitation: 7.60 inches at Pickens 1

Least Total Precipitation: 1.77 inches at Wheeling Warwood Dam 12

Greatest One-Day Precipitation: 1.81 inches on the 19th at Harpers Ferry Nat Mon

Greatest Reported Total Snowfall: 88.0 inches at Pickens 1

Greatest Reported Depth of Snow on Ground: 55 inches on the 29th at Stony River Dam

## SPECIAL WEATHER SUMMARY

February 1964 will be remembered as a snowy month. Most parts of the State undoubtedly had record falls, with the exception of stations in the vicinity of the Ohio River. Charleston recorded 21.8 inches, the greatest February fall since records began in 1900. Their previous record had been 21.5 inches in February 1960. Elkins' total of 29.5 inches was the greatest on record for February. Beckley recorded 30.8 inches, four times their normal. Stations in the Eastern Panhandle had over 25 inches, most of it coming on February 19. Some of the higher totals from stations in or near mountainous areas: Camden-on-Gauley 66 inches, Spruce Knob 74 inches, and Pickens 88 inches.

Three major storms accounted for most of the snow. The statewide storm of February 10-11 was the first wet snow of the season and caused many broken powerlines. The

snowstorm of February 19 paralyzed most areas in the Eastern Panhandle with falls of 20 inches. In the north-central section 6-10 inches of wet snow isolated many towns. Snowladen trees broke power and telephone lines throughout the northern half of the State. A storm suddenly developed over Tennessee February 28 and rapidly moved northeast, dumping 5-10 inches of snow over most parts of West Virginia.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

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0. 11							9			PI	o. ol I	0073					pilation Sno-	w. Sleet		No	o. of D	• 7 •
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days			Min.	Total	Departure From Normal	Greaterd Day	Date	Total	Max. Depth on Ground	Date	.10 or More	20	1.00 or More
NORTHWESTERN 01												-							_			
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBFRLANO	39.1 40.0 40.6 40.0 38.2	16.1 19.7 16.1 20.6 19.5	27.6 29.9 28.4 30.3 28.9	- 8.0 - 5.8 - 6.6	57 57 59 56 55	6 5 6 5 5	0	23 23 24• 23 23	1077 1010 1055 999 1041	00000	3	27 28 26	0 2.29 1 2.86 2 3.84 0 1.91 0 1.79	21 .61	.51 .62 .57 .58	6 7 19	13.0	6	20 •	10 12 12 6 4	1 1 1 1 1 1 1	0 0 0 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG W8 CITY R WEIRTON WELLSBURG 3 NE	39.7 38.2 39.0 37.7 37.7	22.24 21.9 22.6 20.3 17.6	31.0M 30.1 30.8 29.0 27.7	- 3.0 - 4.7 - 5.0	60 56 58 55 53	5 5 5 5	8	22 23 23 23 23 23	995 1007 984 1036 1078	00000	4	27 27 27	0 2.45 0 2.39 0 2.17 0 2.14 1 2.02		.55 .87 .68 .64	6 6	9.7 4.7 8.5 13.1 8.0	2 6	20 24• 21• 19	8 6 8 6 7	1 2 1 2 2	0 0 0 0
WHEELING WARWOOD OM 12	37.1	18.1	27.6	- 4.5	54	6	4	23	1076	0	4	27	0 1.77	76	.62	19		4	22	5	1	0
OIVISTON O1			29.2	- 4.9									2.33	46			9.6					
NORTH CENTRAL 02		)																				
BELINGTON BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	39.0M 38.2 37.6 37.6 36.2	14.3M 17.9 19.0 17.5 21.0	26.7M 28.1 28.3 27.6 28.6	- 6.8 - 6.4 - 5.3 - 5.6	55 58 54 54 54	6 5 5 5	- 6 - 8 - 2	12	1105 1066 1058 1079 1048	0 0 0 0		27 28 28	2 4.28 2 3.06 1 3.90 1 D 2.85 0 2.77	50 .29 06 22	.46 .53	18	36.8 23.5 28.9	10		13	0	0 000
GASSAWAY GLENVILLE	40.4	21.0	30.7	- 9.4	58		- 2 - 3		986	0	3		1 3.63 2 3.59	•00		28+ 19+	24.9		28	13	0	0
GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N	41.0	17.7 17.9	29.4	- 5.7	60	6	0 - 4		1026 1065	0	3		1 0 3.81 3.03	13	0 .45	14.	23.5	7	21+	12	0 2	0 0
MIOOLE801RNE 2 ESE MORGANTO N FAA AIRPORT MORGANTO N L ANO O WESTON WEST UNION	38.5 36.8 38.0 39.7 39.4	19.2 21.0 20.3 17.4 19.1	28.9 28.9 29.2 28.6 29.3	- 7.4	56 56 55 59 56	5 5 6 5	7 3 0		1040 1039 1035 1051 1030	0 0 0 0	5 10 6 3 4	27 27. 27.	0 2.62 0 2.38 0 2.49 2 5.09 2 2.96	06 31 1.27	.51 .46 .47 .79	18 19 19	15.0 13.1 16.8 32.8 19.9	8 6 8	28 • 29 • 11 28 •	10 14	2 0 0 3 0	00000
OIVISION 02			28.6	- 6.5									3.32	.08			24.8					
SOUTHWESTERN 03	- 4															]						
CHARLESTON W8 AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	41.2 43.3 42.0 39.2 41.7M	25.1 21.3 21.6 23.5 17.0M	33.2 32.3 31.8 31.4 29.4M	- 4.3	58 64 59 54 60	5 6 5 5	7	12 12 12 23+ 12	917 941 954 968 1031	0 0 0 0	3 2 2 3 2	28 27 27	0 3.58 0 3.60 0 3.97 0 4.30 1 3.88		.66 .59 .75 .91	6 6	21.8 14.4 26.3 19.4	6	11 29•	12	2 2	00000
HOGSETT GALLIPOLIS OAM HUNTINGTON FEO 8LOG HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS	37.9 42.5 40.3 42.1 40.2	19.6 26.8 23.9 23.3 24.0	28.8 34.7 32.1 32.7 32.1	= 3.9 = 5.6	56 63 56 57 58	6 5 5 6 6		12	1042 873 947 931 946	0 0 0 0	1	24 27 28	0 3.16 0 3.07 0 4.79 0 4.78	.14 .03 1.29	.57 .97 .85 1.03	6 7	14.3	6 6 7	29	10 7 10 11	1 4 3	0 0 0 1
MAGISON POINT PLFASANT 5 NNE RAVENSAGOO OAM 22 RIPLEY SPENCER	41.6 41.0 42.1 42.0 40.1	20.9 21.3 21.3 19.9 21.0	31.3 31.2 31.7 31.0 30.6	- 5.1 - 5.5	57 57 59 59 58	6 5 5 5	1 4 1	13+ 12 12 12 12	973 974 958 979 989	0	1 1 5	26 25 28	0 4.77 0 2.26 0 2.03 0 3.68 1 3.36		.93 .88 .41 .78	6 6	14.5 13.0 19.0			11 7 7 10 11	1 0 1 1	0 0 0 0
WAYNE 2 WILLIAMSON WINFIELO LOCKS	43.3 41.2	23.8 21.1	33.6 31.2	- 5.4 - 5.2	59 57			29 29+	905 976	0	2		0 4.92 0 3.40		.80			5	29+	9	4 2	0 0
CIVISION 03			31.7	- 5.4									3.72	.46			17.1					
CENTRAL 04									1													
ARBCVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY W8 AP BIRCH RIVER 6 55W	35.9 34.3 38.2 36.4 37.2	13.4 15.2 18.7 19.8 13.7	24.7 24.8 28.5 28.1 25.5	- 4.6 - 6.5	53 47 57 57 56	5 5	-11	12 23 23	1163 1160 1050 1063 1142	0	12	29 28 28	6 3.34 3 4.54 1 3.15 0 3.83 2 6.00	1.04 32	.73 .71 .62 .67	19	29.5 47.5 26.0 30.8	27 10	29 • 29 22 23 <del>+</del>	14	1 2	00000
BRANDONVILLE  BUCKEYE CANAAN VALLEY ELKINS HA AIRPORT FLAT TOP	34.0 38.7 31.4 37.0 33.6	13.5 13.6 13.0 15.7 15.5	23.8 26.2 22.2 26.4 24.6	= 6.6 = 6.9	51 56 43 54 56	6 5 5 5 6		12	1188 1120 1237 1113 1165	0	14 3 17 8 13	28 29 28	3 2.78 5 3.96 5 0 5.99 1 3.07 4 4.23	20	.60 1.25 .98 .33	11 19 28	28.7 32.0 63.0 29.5 27.0	16 43 9	22+ 29 28+ 29+	6 21 13	3 2 0	0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 5E PICKENS 1	33.8M 38.7 39.3 37.8 34.7	17.0M 17.5 18.7 19.1 14.7	25.4M 28.1 29.0 28.5 24.7		50 58 60 52 50	5 6 5 5		12 13+ 12	1149 1062 1038 1052 1162	0 0 0	14 3 5 6 12	29 27 27	2 3.01 1 5.47 0 4.52 1 3.13 2 7.60		.39 1.04 .60 .40	11 20 <sub>0</sub>	58.0 36.0 24.3 29.0 88.0	15 8 11	22 28+ 29 28 22	10 16 13 13	4 4 0	0 0 0
RICHWOOD  ROWLESBURG 1  SPRLCE KNOB WEBSTER SPRINGS 1 E	38.1 37.3 33.1 41.4	17.7 20.1 18.7 21.1	27.9 28.7 25.9 31.3		56 54 51 53	5 6 17	0 8		1066 1048 1129 973	0	4 7 16 0	28	1 4.65 1 4.30 0 4.04 0 4.64			19• 19 29	28.0 26.0 74.0 41.7	10 28	22 21 22 29	14 9 16	2	0 0 0
DIVISION 04			26.5	- 5.6									4,33	.51			39.9					
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT	38.1 36.0	21.1	29.6 29.2		57 57				1019		4 ' 9		0 2.95 0 3.29		.48 .70		16.5		21	12		0

## Continued

				Ter	npera	ture									:	Preci	pitation					
										N	o. of Day	/8					Sno	w, Sleet		No	o. of I	ays
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Ma are	32° or 32	Moles wo	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
BLUESTONF DAM GARY //R KOPPERSTON LEWISBURG 2 SSW PINEVILLE	40.4 41.6 38.8 38.7M 39.9	21.1 21.1 21.9 19.5M 20.4	30.8 31.4 30.4 29.1M 30.2	- 5 <sub>0</sub> 7	59 61 54 55 58	6 6 5 6	10	24 • 13 • 23 12 23	986 968 1000 1033 1004		2 28 3 28 4 21 3 4 28	0 0	2.52 2.77 4.44 2.85 3.79	63	.65 .70 1.20 .63	16 6 6	7.0 5.0 13.0 10.0	3 6	29 29 28 28 29	7 7 13 6 9	2 1 3 2 2	0 0 1 0
UNION WHITE SULPHUR SPRINGS	39.6 40.6	19.1 20.0	29.4 30.3	- 5.1 - 4.9	58 58	6	- 4	12	1027 997	0	1 28		3,33 3,92	.54 1.09	.96 .83		16.3 14.0		22 •	8 7	3	0
DIVISION 05 NORTHEASTERN 06			30.0	- 6.2									3.32	•22			12.4					
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	39.8 41.0 44.5 38.8	20.1 17.2 22.0M 20.2 M	30.0 29.1 33.3M 29.5 M	- 5.5	56 60 62 57	5 5 6• 6	- 1 - 9 7 - 1	12	1010 1033 911 1024	0 0 0 0	2 26 4 28 0 26 5 28	2 0	3.98 2.46 4.67 3.77	1.55	1.54 .93 1.81 1.56	19	32.3 24.5 26.0 30.5	9	19	7 6 9 7	3 2 2 2	2 0 2 1
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL OMPS PETERSBURG	39.6 39.2 44.0M M 42.9	19.9 16.8 21.2 20.4 19.2	29.8 28.0 32.6M M 31.1	- 4.2	59 57 61 60	5 5 5	- 8	23 23 12 12 12	1014 1068 934 976	0 0 0 0	4 28 4 29 2 28	1 0	2.89 3.10 1.91 3.40 2.81		.83 1.05 .70 1.10	19 19	28.0 31.5 15.0 29.0	20	19 19 20 19	7 7 6 9 7	2 2 1 2 2	0 1 0 1 0
PIEC. ROMNEY 3 NNE WARDENSVILLE R M FARM	38.4 41.9 41.2	20.9 20.1 16.1	29.7 31.0 28.7	- 3.3 - 4.5	54 60 60	6 5 6	- 6 - 8	12	1021 980 1044		5 26 0 26 3 21	5 2	2.92 2.76 3.37	.71 1.50	1.30 1.00 1.59	19	20.1 25.0 26.7	14	19 19 19	7 6 7	2	1 1 1
OIVISION 06			30.3	- 4.1									3.17	1.18			26.2					

	т т	r							_																		MEST VIR	
Station	Total	īT	2 3	4	5 6	7	8	9 ]	10	11 11		T	f Month 4   15	16	17	18	19	20 │	21	22	23 7 2	14 T	25	26	27	28	29 30	31
NORTHWESTERN 01  BELLEVILLE CAM 20 BENS RUN 1 33E CAIRO 3 5 CRISTON 1 35% ELLEMBORO  HC MECHEN OAM 13 MOUNDSYLLE NEW CUMBERLAND NEW HASTINGVILLE PARKERSBURG FAA THE MARYS WASHINGTON OAM 19 WELRTON WELLTSON	2.31 2.29 2.86 3.06 2.81 2.39 1.91 1.79 2.43 2.17 2.51 2.1 2.1 2.1	.05 .15 .16 .09 .01 .05 .03 .08 .04	.02 .05 .0A .03		. 6, 4, 3, 3, 6, 4, 4, 5, 5, 6, 6, 7, 7, 5, 6, 6, 6, 5, 5, 6, 6, 6, 5, 7, 7, 6, 5, 6, 6, 7, 7, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	30 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .05	.05 .03 T .12 .03 .09 T .02 .15 T .01	T .00	.10 .15 .18 .13 .04 .11 .12 .09	.04 .05 .18 .38 .16		11 34 006 004 004 117 T 15 23 T 16 25 224 25 224 111 009 111 009 009 111 009 0	25 117 113 .0 40 228 113 .0 7 02 7 04 .1 .07 .1	.25 .15 .20 .20 .27 .27	T	.21 .10 .04 .09 .91 .40	.33 .51 .31 .45 .53 .83 .56 .A5 .47 .12	.12 .20 .21 .18 .05 .03 .12 .01	.04 .09 .03 .06 .06 .07 T T .16 T	.01 T	т	.01 .02 .02 .02 .04 .05 T .03 .01	•	.09 .07 .09 .08 .08	.07 :10 :14 :09 :12	.02 .02 .0A .14	.14 .14 .31 .20 .00 T	
WHEELING WARNOOD DM 12 WORTH CENTRAL 02 BELINGTON BENJOON BENJOON BENJOON BENJOONLE BENJOONLE CENTRALIA 2 NNW CLARKSBURG 1 FAIRMONT	1.77 4.28 3.06 3.90 3.98 4.53 D 2.85 2.77	.02 .23 .25 .34 .15 .21	.05		.36 .06 .26 .16 .11 .00	.09 .23 .20 .21 .28 .35	.08	7 .03 .03 .05 .01	.02	.32 T .61 .21 .62 .64	•	30 . 01 . 27 .	38 .0 .14 .0 .45 .53	.16 .32 .24 .40 .33 7 .03		.53	.62 .44 1.10 .31 .60 .52	.15 .27 .40 .20 .16 .27	.12 .03 .07 .09 .10	.03	.03	.01 .02 .03 T	Ť	.0e .24	.03 .41 .03 .15 .27	7 •20 •43	.03	
HASTINGS MORNER HOULT LOCK 15 IRELAND JANE LEW LARE LYNN MANNINGTON 1 N MANNINGTON 1 W	3.63 3.59 0 3.61 3.51 2.93 3.93 3.15 2.28 3.03 2.82	.13 - .18 .19 .29 .10 .33 .24 .07 .21	.04  .07 .07 T		- 1 · 2 · 2 · 2 · 1 · 2 · 2 · 1 · 2 · 2 ·	.26 - .30 .17 .20 .28 .28 .15 .15	.02 .20 - .25 .07 .10 .05	.01 .20 T	- 0 .17 .58 .10 .24 .07 .09 .11	.45 .49 45 .19 .41 .40 .45 .47 .0T .30 .28	D	07 - 20 · 29 · 22 · 33 ·		.26 .19 .35 .14 .33 .15 .04 .10	T .02	.10 .30 .31 .21 .10	.16 .49 .36 .56 .34 .68 .20 .51 .60 .57	.33 .23 .10 .10 .28	.05 .02 - .06 .03 .06	.02 .02 .01 .05 .06 T	-03 T	.35 .15 .02	т т т	.15	.03 .12 - .03 .07 .15 .01 T	.45 - .15 .54 .27 .23	.26 - .11 T .30 .02 T .34	
HIOOLEOURNE 2 ESE  MORGAATOWN FA A AIRPORT  MORGAATOWN L AND O  PHILIPDI  SUTTON RESERVOIR  VANOALIA  MESTOUN  SOUTHWESTERN 03  BRANCHLAND	2.62 2.38 2.49 3.53 3.53 3.95 5.09 2.96	.11 .09 .18 .07 .38	**************************************		.51 .21 .01 .01 .02 .01 .04	05 013 018 028 022 031 018	.03 T .04 .22 .15 .03	.02	.13 .16 .12 .57 .29 .06	.42 .75 .31	02 02	15 . 05 . 32 .	05 00 26 T 31 0 37 T 16 0 51 0 05 0	3 .01 .09 .30 .17 .30	.03 .03 T	.34	.50 .31 .47 .56 .49 .34 .79 .44	.15	.02 .05 .11 .03 .07	,05	T T T T T T T T T T T T T T T T T T T	.02	.01 T .02	.10	.14 .25 .21 .03 .21	.16	.53 .38 .52	
CMARLESTON WB AP R CMARLESTON TO THE CLAY I CLAY I CLAY I CORTON OUNCOM 5 E MAN-L'N MOOSETT GALLIPOLIS OAM MUNITINGTON FCO BLOG HUNTINGTON WB AIRPORT KERNIL LOGAN	3.58 3.60 4.72 4.50 3.97 4.30 3.88 3.16	.16 .14 .26 .11 .17 -	.01 .16 .12		**************************************	.08 .13 .77 .57		.05 .01 .02 T	.06 .15 .13 .19 .48 T .16	.77 1	10	03 T 35 . 30 . 10 . 11 .	06 .1 03 .3 31 .24 31 .3 .34 .35	.38 .45 .40 .28 .24 .38 .33	.05	.36	.10 .59 .68 .72 .17 .20 .36 .16	.25 .26 .09 .16 .28	.07 .01 .05 .05 .05 .09 T	.02 .05 .10 .12 .08 .03 .03 .02	T T T T	.01 T T	.03 T	.12 .10 .10	.15 .27 .19 .07 T .15 .08	.45 .11 7 .51 .17 7 .35 .03	T .32 .48 .60 .40 .05 .38 .33	
LONDON LOCKS MALISON  POINT PLEASANT 5 NNE RAVENS-NDO DAM 22 RIPLEY STENCER WATNE 2  HIDEN HILLIAMSON 2 HILLIAMSON 2 HIRFIELD LOCKS	4.78 4.77 2.26 2.03 3.68 3.36 - 4.32 4.92 4.51 3.40	.18 .20 .11 .12 .19 .18	.09 T		.24 .26 .81 .4 .76 .5; 	.93 .30 .19 .39	.08 .12 T .03 .15	T .03 .02 .02	.08 .11 .26 .30 .15	.84 T .17 .08 .40 .38	01	22 . 40 . 05 - 03 . 50 .	.02 .0 .20 .0 .20 T .26 T	•10 •28	.02 .02 T T	.02	.55 .52 .23 .27 .25 .37 .57 .60 .58	.20 .18 .07 .06 .25 .15	.03 .08 .01 T .05 .02	.01 .08 .02 T .02 .05	T T T T T T T T T T T T T T T T T T T	.05 T T	.10	.03	.14 .11 T .05 .05 .06 -	.03 .17 .45 .02	.47 .45 T .25 .25	
CENTRAL 04  ALBRIGHT ALBERIA 1 Nb ARBOVALE 2 BAYAR)  BECKLEY VA HOSPITAL  BECKLEY WB AP BELVA BIRCH RIVER 6 55%	2.87 4.12 3.34 4.54 3.15 3.83 5.26 6.00	.10 .28 .15 .21 .05	.23 .18 T T		*10 *10 *10 *10 *10 *10 *10 *10 *10 *10	. 28 . 35 . 20 . 42 . 29	.16 .09 .26	. O8	.10 .25 .15 .22 .08	.13 .55 .54 .31 T .55 .	01	17	40 T 12 .0: 07 .1: 31 .0: 21	.24 .45 .42 .46 .62	.07 .05 .02 .11 .04	.45	.39 .60 .55 .71 .44	.18 .20 .02 .23 .13	.07 .05 .15 .05	T .05 T .08 T .07 .08 .10	T .03 T .02	.03	T .04	.06	.20 .12 T .30 .06	T T48 T51	.27 .40 .34 .44 .34	
ORY CREEK ELKINS WE AIRPORT FLAT TOP  HACKER VALLEY HICO HOPEMONT MC RCS5	2.78 3.96 4.83 D 5.99 4.17 3.07 4.23 5.06 3.14 3.01 5.47	.09 .22 .32 .11 .19 .07	.05 T .15 .170 .11 .04 .03 .10 .32 .07	0	.2 .4 .3 .3 .3 .3 .3 .3	2 .51 .21 .65 .11 .46	.15 .39 .06 .03 .13	T .02 .06 .09 .05 T .15	.11 .04 1 .12 .34 .09 .28 .12	.5T .42 .67 .09 .55 .	02 °	11 :	35 .0: 35 .0: 18 T 30 .0: 10 .2: 34 59 .1: 21 T 23 .2: 12 .1:	.10 .75 .63 .76 .55 .18 .74 .43 .43	.05	.17 .22	.60 .65 .53 .98 .49 .27 .54 .56 .57 .36	.08 .12 .16 .26 .16 .31	.17 T .12 .19 .19 .08 .14	.06 T .15 .11 .05 .02 .05	.01 T .01 .01 .03	.10	.02 .07 .02	.14 .13	.16 T .15 .12 T .10 .23 0.13 .09	.36	.18 .45 .55 .15 .36 .03 .25	
MT STORM  OAK HILL  PARSONS 1 5E  PICKEMS 1  RICHMOOD  ROWLESBURG 1  SMOOT  SPRUCE KNOB  STORY RIVER OAM  SUMMERSVILLE 3 NE	3.12 4.52 3.13 7.60 4.65 4.30 3.78 4.04 5.13 2.70	.10 .02 .37 .45 T .25	.08 .20 .01 .42 T .35 T	1	**************************************	.34 .60 .15 .63 .35 .25 .18	.11 .06 .09 .22 .29 .25 .05 .07	T .05	.19 .10 .22 .26 .15 .05 .08 .12	.19 .60		18	23 T 13 T .69 .01 .45 T	.39 .55 .32 .46 .59 .40 .83 .39 .12	.18 .30 .10 .05 .06 .40	.08	. 92 .48 .40 .42 .45 .60 .98 .36	.09 .60 .14 .51 .28 .25 .10 .06 .70	.04 .10 .10 .68 .18 .15	.01 .08 T .44 .38 .05	.05 T .08 T	T	.08 T	.14	.09 .12 .04 .31 .21 .35 .09 .06 .12	.31	.56 .37 .03 .67 .35 .31 .48 .28	
THOMAS  VALLEY BENO VALLEY HEAD MEBSTER \$PRINGS 1 E  SOUTHERN OS ALOERSON ATHENS CONCORD COLLEGE BLUEFIELD FAM AIRPORT BLUESTONE DAM	3.73 3.30 5.21 4.64 2.96 2.93 3.24 2.53	.21 .25 .38 .24	.23 .00 .16 T .21 .10	9	.0: .2! .6: .3:	.27 .44 .49	*12 *02 T	.04 .04 .01	.18 .13 .21 .19	.13 .33 T .48 T .39		12 .	27 .0. 27 .0. 35 T. 36 .1 11 .0. 11 .3 .0.6 .7	41 .27 .47 .26	.17 .08 .18 .10	.48	.10	.25 .20 .14 .46	.12 .10 .15 .52	.05 .09 .12	T •03	.02 T T	.05 T .04 .10	T .03	.28 .10 .15 .08	·26 ·29	.50 .40 .52 .51	

## DAILY PRECIPITATION

WEST VIRGINIA FEBRUARY 1964 Continued Day of Month Station 4 5 6 7 8 .16 .29 .05 .34 .51 .11 1.20 .20 T .03 .36 .45 1 2 3 13 14 15 19 20 21 22 23 24 25 26 27 9 10 11 12 16 17 18 28 29 30 31 2.77 4.25 4.44 2.85 GARY 1AEGER KOPPERSTON LEWISBURG 2 SSW MATOAKA .08 .01 .20 .02 //R .07 .25 .50 T .01 .02 .23 .42 .03 .03 .40 PINEVILLE
PRINCEION
RENICK 2 S
UNION
WHITE SULPHUR SPRINGS .28 .20 .22 .05 .03 T .06 T T .05 .01 .03 T .05 .69 .12 .18 .12 .05 .05 .02 .02 .44 .23 .91 .15 .06 T .47 .54 .71 .66 .36 .29 .47 .30 .0S NORTHEASTERN 06 RERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MON 3.98 2.44 2.46 3.32 4.67 1.13 T .22 .09 1.18 .50 .47 .50 .22 7 •30 •34 •20 .25 .04 KEARNEYSVILLE 1 NW KEYSEM MARTI ISBURG FAA AP MATHIAS MOOREFIELD MCNEILL 3.77, .10 2.89 T 3.10 .08 1.91 .09 .12 .15 .06 1.56 .76 .25 .21 1.05 .12 .70 .06 -.83 .62 .34 .87 T .06 T • 01 27 .18 OMPS
PETERSBURG
PIEDMONT
ROMNEY 3 NNE
WARDENSVILLE R M FARM .74 .37 .40 .58 .40 .40 .26 .38 1.10 .90 1.30 1.00 1.59

T .02

.01

SAIGH STEEN OL 1. 1. 2. 3. 4. 4. 5. 6. 5. 6. 7. 6. 7. 6. 7. 6. 7. 7. 6. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.											2 11.			31.1		_	_		nth									-	-		-	EBRUARY	
BELLINGUILLE   MAY 13 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40	Station		1	2	3	4	5	6	7	8	9	10	11	12	13				_	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Āverag
CARGO S 6 18 3 2 2 8 1 8 9 7 9 12 18 18 22 17 9 12 18 18 19 7 9 12 18 18 19 18 18 19 18 18 19 18 18 19 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18	NORTH-ESTERN 01																					1											
CARD S S MAT INSTITUTE MATERIAL MATERIA	BENS RUN 1 SSE	MAX MIN																											42				
CRESTON 1 SN  MAX	CAIRO 3 S	MAX	49	43	41			47	42	36	35	35				40	37	42	49	41	35	34	32						3 H	33			40.0
MCCONSILLE   MAR	CRESTON 1 SSW	MAX	52	51	45	42	47	59		40		3.8	35		38	37	42	42	38	49	38	34	37	32	32	35		47		3.8			40.6
NEW CUMBRILANO  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAN  NEW MARTINSVILLE  MARKING  MAR  NEW MARTINSVILLE  MARKING  MARTIN	MCUNOSVILLE		45	41	36			48	43	35	36	37	36	39	39	41	39	42	46		39	37		31		33	46	43	36	35	44		40.0
NEW MARTINSVILLE  MAR  MAR  MAR  MAR  MAR  MAR  MAR  MA	NEW CUMBERLAND		42	39	33	46	55	47	40	33	36	34	35		38	39	39	37	44	41	34	35	32			32	45	42		34	42		38.2
PARKERSBURG FAA AP  MAX  ABAY	NEW MARTINSVILLE		45	39		46	60										38																
MELISPURG 3 NE  MAX  A2  A2  A3  A3  A3  A3  A3  A3  A3  A3	PARKERSBURG FAA AP		41																														
MELLSBURG 3 NE  MAX  40 30 35 44 55 52 42 81 79 9 14 12 27 12 11 20 20 35  MAX  MAX  40 30 35 44 55 36 38 37 37 38 38 36 40 52 51 18 18 18 17 13 18 18 18 17 13 18 18 18 18 18 18 18 18 18 18 18 18 18	PARKERSBURG WB C1TY																																
MHEELING WARMOOD ON 12 MAX	WEIRTON	MAX M1N																															
MAX 46 40 35 37 37 41 43 41 38 38 41 42 31 48 48 40 35 39 43 55 45 42 48 38 37 34 48 48 39 38 48 48 48 48 48 48 48 48 48 48 48 48 48	WELLSBURG 3 NE																																
BELINGTON  MAX 48 40 35 77 71 15 45 42 29 34 39 35 42 39 39 43 37 50 37 37 34 31 31 31 34 33 44 11 12 32 38 49 41 12 32 38 49 41 12 32 38 49 41 12 32 38 49 41 12 32 38 49 41 12 32 38 49 41 12 38 49 49 49 49 49 49 49 49 49 49 49 49 49	WHEELING WARWOOD OM 12	MAX M1N																															
BENSON  HAX 50 38 39 43 56 47 6 12 12 12 14-39  BICKHANNON 2 N  MAX 66 37 37 40 45 53 48 17 5 14 35 20 17 23 23 22 - 5 8 6 6 10 10 10 10 23 23 21 10 5 6 7 9 17 12 12 14-39  BICKHANNON 2 N  MAX 66 37 37 40 45 53 40 47 22 36 36 47 42 36 48 48 48 48 48 48 48 48 48 48 48 48 48	NORTH CENTRAL 02																																
BLCKHANNON 2 W  MAX 46 37 37 43 54 53 40 32 34 37 30 35 40 33 35 40 33 4 37 30 35 40 35 40 36 37 42 44 38 37 31 28 28 28 32 34 40 35 12 9 23 38 37 60 41 49 30 41 41 38 38 38 41 45 57 53 42 48 38 39 42 46 36 37 37 43 54 57 59 18 16 30 41 41 38 38 38 41 45 57 53 42 34 8 9 9 9 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9	BELINGTON					39 7																											
CLARKSBURG 1  MAX  MIN  MAX  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	BENSON																																
FAIRMONT  MAX 39 36 34 43 56 42 39 30 30 43 425 16 5 5 5 18 5 5 5 18 5 5 25 26 18 27 27 26 9 9 9 5 12 9 23 11 13 18 17,5  GASSAWAY  MAX 46 41 40 46 58 54 43 36 40 33 20 36 37 40 40 40 40 40 40 40 40 40 40 40 40 40	BLCKHANNON 2 W																																
GASSAWAY  MAX	CLARKSBURG 1																																
GRAFTON 1 NE  MAX	FAIRMONT																																
MIN 26 33 13 8 9 9 38 23 19 30 25 - 3 - 2 32 13 17 15 15 25 28 20 21 6 9 3 4 7 9 15 16 1 16 1 1 16 1 1 16 1 1 1 1 1 1 1	GASSAWAY																																
GRANTSVILLE 2 NH MAX 53 41 44 41 47 60 53 42 35 41 39 40 38 39 40 42 38 51 27 27 22 16 3 6 13 5 9 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	GLENVILLE	MAX MIN																											44				
MANNINGTON 1 N  MAX	GRAFTON 1 NE	MAX MIN																															
MIOOLEBOURNE 2 ESE MAX 47 40 37 47 56 48 40 33 35 32 21 16 26 19 3 23 30 14 31 17 22 31 26 20 9 1 19 8 23 3 13 12 17.2  MORGANTOWN FAA AIRPORT MAX 39 37 34 44 56 48 39 31 34 35 32 36 37 37 30 23 19 27 21 26 25 24 17 10 12 16 11 22 15 13 25 21.0	GRANTSVILLE 2 NW																																
MORGANTOWN FAA AIRPORT HAX 39 37 34 44 56 48 39 31 34 35 32 25 13 7 30 23 19 27 21 26 25 24 17 10 12 16 11 22 15 13 25 11 0 12 16 11 22 15 13 25 11 0 10 10 10 10 10 10 10 10 10 10 10 1	MANNINGTON 1 N																																
MIN 33 28 17 12 31 36 27 70 23 25 13 7 30 23 19 27 21 26 25 24 17 10 12 16 11 22 15 13 25 21.0	MIOOLEBOURNE 2 ESE																																
WARRING AND A MAN (A 40 25 4/ 55 50 /1 2/ 25 25 25 25 25 25 25 25 25 25 25 25 25	MORGANTOWN FAA AIRPORT																																36.8 21.0
MCRGANTOWN L AND 0 MAX 49 40 35 44 55 50 41 34 35 35 33 35 38 40 39 43 45 39 34 35 30 28 30 32 44 41 32 27 38 38.0 20.29 14 29 20 22 31 25 22 10 11 14 6 24 13 11 21 20.3	MCRGANTOWN L ANO O	MAX M1N	49 35	40 32	35 15	8		50 28																			6				38 21		38.0 20.3
WESTON MAX 52 42 42 41 46 59 50 42 33 37 37 34 38 39 41 42 40 49 35 34 34 32 30 35 34 45 42 38 28 39 7 17 4	WESTON																																
WEST UNION MAX 50 41 40 46 56 50 50 34 35 36 38 32 37 41 38 42 47 38 35 35 32 31 34 35 42 41 36 30 42 39.4 19.1	WEST UNION																																
SOUTHWESTERN 03	SOUTHWESTERN 03																																
CHARLESTON WB AP HAX 45 43 41 46 58 54 43 37 42 37 33 36 41 40 46 54 51 43 35 34 31 29 37 39 48 46 40 32 43 25.1	CHARLESTON WB AP																				35 32												41.2 25.1
CHARLESTON 1 MAX 54 46 53 49 50 64 44 43 37 43 38 43 39 41 45 44 38 53 41 36 37 34 31 40 42 51 45 44 32 43 38 43 49 50 64 44 43 37 29 21 7 11 31 21 25 19 25 31 28 26 21 10 12 19 23 16 18 15 21 3	CHARLESTON 1																																
CCRTON MAX 51 44 42 46 59 50 43 36 43 41 36 42 39 41 41 43 53 43 38 34 32 31 35 39 47 45 41 37 46 42.0 21.6	CCRTON																																
OLNLOW 5 E MAX  44  41  39  44  54  49  39  34  41  37  30  37  38  39  37  40  47  45  34  32  31  35  37  45  41  37  35  42  39.2	OLNLOW 5 E																																
HAMLIN  MAX  46 46 43 49 60 45 42 37 42 36 40 38 40 43 49 36 17 25 15 9 9 15 37 25 21 28 19 0 2 31 17 22 16 16 28 29 24 15 5 6 16 12 13 3 41 77 17 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	HAMLIN	MIN		25			9						19		2	31	17				28	29						50	12				17.0
HCGSETT GALLIPOLIS CAM MAX 49 44 41 36 45 56 40 40 34 34 30 38 38 35 37 40 36 40 35 35 32 38 26 34 34 88 40 36 29 19 6	HCGSETT GALLIPOLIS DAM									24		28			7	31																	19.6
HUNTINGTON FEO BLOG MAX 47 48 46 50 63 51 41 37 42 37 34 38 37 43 41 41 52 40 35 35 33 31 38 41 54 43 47 39 48 48 48 50 63 29 19 13 33 28 25 26 22 30 32 29 26 20 17 27 22 32 25 33 25 26 9	HUNTINGTON FEO BLOG	MIN							30	26		29																					26.8
HUNTINGTON W8 AIRPORT   MAX   47   43   41   46   56   47   43   40   41   35   34   37   38   41   40   40   48   37   34   34   32   30   37   39   51   43   39   34   41   40   40   37   37   39   31   26   23   27   18   28   30   28   24   20   11   24   18   27   17   27   18   23   9	HUNTINGTON WB AIRPORT																																
LCGAN MAX 50 48 47 46 50 57 44 43 38 44 36 35 40 38 44 4 37 53 36 36 36 36 35 33 39 43 47 45 45 32 42.1 23.3 24 26 21 21 31 29 28 24 14 16 23 23 24 24 16 23.3 3	LCGAN	MIN			21	16	16	19	37	25	26	30	24	12	12	32	24	28	21	21	31	29											23.3
LCNOON LOCKS MAX 49 43 43 45 58 51 44 35 41 36 32 34 38 40 42 40 50 40 34 32 31 28 38 38 44 44 40 33 40.2 40.2 40 40 40 40 40 40 40 40 40 40 40 40 40	LCNOON LOCKS											28	36 26			38 33	24				31	34 29	32 27	31 24									

WEST VIRGINIA

Continued		_								AI.				FL																	FEBI	RUARY	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	16	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAO15CN	MAX M1N	53	46	45		47	57	47	45	37		38	32		37	42		37	52			37	33		38		47	45		32			41.6
PCINT PLEASANT 5 NNE	MAX M1N	50	30	42	13	57	53	42	36	38	38	35	38	36	32 41	40	40	47	20	31	35	33	30	37	36	50	50	38	37	42			41.0
RAVEN5WOOD DAM 22	MAX M1N	37 54	46	19	47	15 59	57	42	36	39	39	38	39	39	31	16	30	48	49	31	34	33	31	35	37	47	30	38	39	40			42.
RIPLEY	MAX	52	32 48	16	49	15	35 51	35	36	21	36	19 39	37	38	32 42	40	33 42	16	43	32	26 37	32	33	5 37	39	51	26 43	40	39	10			42.0
5PENCER	MAX M1N	32 51	25 43	40	46	14	32 53	34	33	39	38	19	36	40	31 40	16 39	31 43	15	45	30	32	23 30	30	3 32	35	48	45	36	18	9 42			40.
WAYNE 2	MAX M1N	37	30	15	7	15	36	32	21	20	29	20	0	25	30	16	31	14	23	30	25	22	15	2	22	13	28	11	20	21			21.0
w1LL1A~SON	MAX MIN	48	48	48	48	53	59	44	44	40	45	37	31	41	40	47	47	38	59	37	37	37	36	32	40	45	49	46	47	34			43.
WINFIELO LOCKS	MAX	55	27	20 45	16	16 48	57	45	25 42	36	32 42	36	16	37	32 40	19	44	38	19	41	31 35	34	19	15 31	38	39	25 50	23	40	33			41.
CENTRAL 04		30	29	19	14	14	16	37	25	25	30	22	11	11	32	21	21	21	21	30	29	26	19	12	12	21	20	17	15	11			21.
ARBOVALE 2	MAX	40	35	40	41	53	50	42	32	34	33	30	38	36		33	36	42	33	31	28	28	28	31	30	35	35	36	32	40			35.
BAYARC	MAX	30	34	30	36	10	29	37	15	33	32	30	-10 35	39	15 35	- 3 39	37	0 45	10 38	31	21 31	18 26	24	- 5 27	15 27	- 1	40	28	25	20 35			34.
BECKLEY V A HOSPITAL	MAX	32	27	12	49	23 57	26 52	31	15	19	36	18	-11 35	15 34	25 36	<b>-</b> 5	25 38	16	11	34	20	27	25	3 3 2	9 35	- 6 41	15	14	35	20			38.
BECKLEY WB AP	MIN	35	29 37	10	46	14	31 47	31	17	20 38	25 35	19	36	23	25 34	11 36	26 37	7 45	28	31	22	18	10	<b>-</b> 2	21	11	39	11	22 31	19			1A. 36.
BIRCH RIVER 6 55W	MIN	33	25	15	10	27 56	31	23	16	19	30	9 37	5 37	30 41	19	21	24 43	15 48	31 41	34	21 35	17	10	30	22	23	39	13	20	18			19.
BRANOCHVILLE	MAX	16	16	33	30	7	28	38	17	15	27		-17 30	37	19	19	26 40	30	19	26 36	30	19	25	27	14	26	5	37	30	19			13.
BUCKEYE	MIN	20	29	12	5	10	28	33	17	17	24	19	<b>-</b> 7	0	26	3	37	12	18	34	32	18	30	1	18	- 3 35	3	14	37	12			13.
	MIN	28	28	30	34	9	26	33	18	21	28		-14 31		27			- 2	11	29	24	20		- 8	25	- 1 38	35	6 26	9	22			13.
CANAAN VALLEY	MIN	30	23	0	- 1	23	30	27	10	15	22		-19 37	15		-10	21	10	15	23	17	12	9 25	6	10	- 2	23	10	9	16			31.
ELKINS WB AIRPORT	MIN	38	33 26	35	5	13	35	24	17	22	27	4	-11	20	14	6	23	7	19	23	22	17	14	10	9	4	20	14	10	15			37. 15.
FLAT TOP	MIN	39	38 25	20	12	21	33	29	13	28	35	18	- 2	37	36	6	34 25	7	10	27	28	26 15	11		- 2	8	35 25	38 15	35	18			33. 15.
HCPEMONT	MIN	36	32	14	36	50 24	28	38		18	20	-	- 5	20	32	10	34 26	16	38	30 24	28	26	12	10	12	38 -10	36	35	31	26			17.
MC ROS5	MIN	32	36 27	13	6	58 12	55 32	31	16	36 12	38 26	22	- 4	21	36 24	7	37 26	5	22	35 28	32 22	19	14	34	17	38	9	39 16	23	20			38.
OAK HILL	MIN	36	31	39 16	11	11	19	33	19	19	23	21	27	38	37 27	38 17	39 29	14	14	30	33 25	30 21	13	3	37 6	19	22	18	18	33 23			39. 18.
PARSONS I SE	MAX	42 34	37 30	36 20	8	52 16	51 27	33	18	36 19	35 28	35 21	- 2	18	37 28	33	28	50 16	20	29	32 23	2 9 2 0	25 16	32 7	32 16	42 5	16	35 18	11	23			37. 19.
PICKENS I	MAX	36 31	32 25	36 8	42	50 17	47 28	35 27	27 15	32 12	32 25	31 16	39 - 5	37 18	32 17	40	38 25	47 5	38	33 25	25 20	25 17	12	2 8 - 7	26 8	40	35 13	13	31 12	36 19			34. 14.
RICHWOOD	MAX	42 33	34 28	38 12	7	56 13	49 31	32	33 12	37 11	37	34 23	- 5	38 22	36 24	37 8	39 22	48 8	39 26	35 28	29 22	28	28 14	33	32 17	10	13	39 14	33 22	43 20			38. 17.
RCWLE5BURG 1	MAX M1N	38 33	36 31	36 14	42	54 20	46 30		32 20		37 29	34 23	40		36 28	34 8	40 30	50 17	3 8 2 2	33 30		30 21	29 13	32 12	32 19	44	41 19	36 16	28 11	41 23			37. 20.
SPRUCE KNOB	MAX M1N	40 30	38 25	27 12	36 14	40 29	51 31	40 30	40 12	21 15	32 21	32 15	26 10	39 10	38 25	30 15	34 27	29 25	41 21	32 22	29 19	25 15	28 10	2 1 8	30 12	29 17	32 26	37 13		29 17			33. 18.
WEBSTER SPRINGS I E	MAX	48 26	42 24	16	46 10	51 14	41 39	43 34	39 16	38 20	38 30	35 27	41	37 23	38 29	43 16	45 30	53 15	45 23	35 31	33 26	33 23	35 18	35 3	35 20	47 10	19	42 18	49 27	47 23			21.
SOUTHERN 05																																	
ATHENS CONCORD COLLEGE	MAX MIN	41 29	37 26			57 21			35 17			35 20	37 6	42 27	39 25	33 19	34 26	45 13	38 29	32 29	29 23	27 18	25 13	35 15		38 17	42 26	36 17	35 24				38. 21.
BLUEFIELO FAA AIRPORT	MAX	41 33	37 27	43 22	46 20	57 32	43 31	40	30 16	39 23	36 25	30 15	38 12		32 24		37 25	45 18	37 30	30 24	25 22	22 17	21	27 12		37 27	40 26	34 18	29 21	36 18			36.
BLUESTONE DAM	MAX M1N	44 26	44 32	42 18	45 13	51 13	59 17	45 34	47 22	36 20	44 22	<b>39</b> 28	32 13	37 13	37 30	39 20	40 24	40 18	48 19	36 29	37 29	34 24		31 12	36 12	40	38	45 22	40 21	33 26			40
GARY	MAX M1N	51 28	44	43	45	52 12	61	44 36	45 24	36 21	45 22	40 26	29 10	41	40 30	39 21	40	38 20	58 19	37 30	35 30	33 25	31 18	31 11	38	41	43 22	46 20	42 20	39 23			41.
KCPPER5TON	MAX	44 35	41 31	41 15	43	49	54 33	41	34 20	41	36 28	34 21	36 9	36 24	38 27	39 19	40 29	47 15	40 22			29 23	27	32 5	37 21	43 17	41	40 18	35 25	40 22			38.
LEWISBURG 2 SSW	MAX MIN	43 32	38 29	44	48	55	51 33		39 19	40 19	40 27	34 24	33	37	36 26	35 15	36 28	47 11	43	33	31 24	30 20	28 11	35 5	36 17	36 15	42	39 19	34 21	41			38.
PINEVILLE	MAX	47 27	43	44	46	48	58 16	44	43 23	43	33 22	43 25	32 10	38 10	37 30	40	40 24	36 19	53 20	35 29	35 28	35 25	3 I 20	32 8	31	34 19	40	37 21	43	35 23			39.
UV I ON	MAX M1N	45	41	40	46		58	46	43	35	43 25	40	32	35	43	38	38	34 13	50 21	34	35 25	35	34	33	34 13	38	35 16	43		34			39.
WHITE SULPHUR SPRINGS	MAX MIN	43	40	48	50	58	50	46	37	44	42	34	35	37	39	35 13	38	50 13	47	35		32	30 15	35	38	38	43	41	37	42			40.6
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DAILY	TEMPERATURES
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Continued									D.	AI	LY	T	EIV.	IPE	R.P	IT	JR)	ES															GINIA
																Day	Of Mo	onth															erage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Ave
NORTHEASTERN 06																																	
BERKELFY SPRINGS	MAX MIN	45 31	43		47	56 29	43 28	4 7 3 5		40			43 - 1	37			41	44 21	37 17		38 27	33			36 10		47			45 25			39.8
FRANKLIN 2 NE	MAX M1N	47 28	45 30		51 8	60	50 29	48 36	39 15	39 21			- 9		37 30		38	46	4 2 2 1	3 7 2 5	33 24	32 21		37	37		45		32 14	46			41.0
HARPERS FERRY NAT MON	MAX MIN	43 31	47 36	43 22	53 16	62 27	62 33	54 34	50 26	46 25		37 21	41	38 16	45	42	43 30	21	41 26	36 30	43	40			44 13		53 18		35 16	4 A			44.5 22.0
KEARNEYSVILLE 1 NW	MAX M1N	38 32	44 37	42 22	38 14	49	57 30	45 32	51 27	35 24			30 8		39 31	40 17	36 25	39 19	42 22		37 28	37 19		- 31 - 1	31 16	38 4	34 7		36	29 25			38.8
KEY5ER	MAX MIN																																
MARTINSBURG FAA AP	MAX MIN	43 32	43 30	39 22	49 13	59 31	44 31	53 35	36 26	43 25		31 16	40 6		39 25	39 15	39 28	44 22	31 22	36 29	37 28	35 21		37 - 1	37	37	46			20			39.6 19.9
MATH1A5	MAX MIN	46 28	39 29	38 14	48	57 22	46 27	48 32	36 21	41 21	39 24	33 21	38 - 5		40 30	36 10	3.8 30	43	38 20	36 25	3 2 2 4	27 17		- 33 - 8	3 7 7	37 2	46		30 8	42			39.2 16.8
MOOREFIELO MCNEILL	MAX M1N	48 30	45 30	41 13	50 6	61 15	59 27		43 25	42 15	41 25	39 23	- 7		3 9 34	41	39 33	52 15	45 29	38 30		34 17											44.0
OMP5	MAX M1N	24	31	20	23	28	31	29	24	20	25	20	9	12	25	19	25	22	20	18	24	23	18	11	17	15	12	19	11	16			20.4
PETER58URG	MAX M1N	48 30	43 33	16	51 8	60 28	56 27	51 32	42 22	42 25	42 26	21	- 8 - 8	46 15	43 31	40	42 30	52 17	50 21	40 25	39 26	32 21	29 17	36 - 3	38 13	33 6	50 11	39 21		45 21			42.9
PLEDMONT	MAX M1N	40 30	46 34	38 16	36 19	44 26	54 34	34	42 20	30 20	38 24	40 20	34 10	46 22	42 26	38 16	40 26	42 18	46 22	34 28	37 26	34 21	29 12	2 7 8	34 18	30 8	39 10	45 18		2 9 2 2			38.4
RCMNEY 3 NNE	MAX M1N	47 31	36	40 23	49	60 24	45 28	49 33	43 25	42 20	41 28	35 23	- 6	18	43 34	37 13	40 31	47 18	46 18	3 9 2 8	38 28	34 25	33 18	36 - 3	37 9	36 5	47 9	3 8 2 2		45 26			41.9
WARDENSVILLE R M FARM	MAX MIN	42 21	50 31	42- 17		50 13	60 29	45 33	50 25	35 26		42 23			44 27	40 16	38 18	41 18	48 22	30 23	38 27	37 23		- 8 - 8	36 - 3	37	4 2 5	48		32 15			41.2

# SUPPLEMENTAL DATA

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	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages		Numb	er of da	ys with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7,00 AM EST	1,00 PM EST	7:00 PM EST	Trace	01-109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
SECKLEY WB AIRPORT	30	10	11.1	35++	15	15	80	82	70	77	4	10	6	3	0	0	23	-	7.4
CHARLESTON WB AIRPORT	23	9	6.4	21++	22	16+	77	82	65	64	3	8	6	3	0	0	20	-	7.0
ELKINS WB AIRPORT	30	11	8.5	30++	27	16+	84	86	69	72	1	9	13	0	0	0	23	-	7.6
HUNTINGTON WB AIRPORT	24	6	7.1	23++	25	16	78	87	70	64	4	10	6	1	0	0	21	-	6.7
PARKERSBURG WB CITY	-	-	7.1	26	NW	16	-	-	-	-	4	7	7	1	0	0	19	43	-

OIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.

										-						Dag	of m	onth													JARY	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOPTHWESTERN 01																																
CPESTON 1 55W	SNOWFALL SN ON GNO								T	T	2.0	4.0	3	3	3	2	T	Т	T	2.0	1.0	0.5	3	2	2	1	Т	0.5	Т	3.0		
NEW MARTINSVILLE	SNOWFALL SN ON GNO							T		T	1.2	0.8	1	0.5	T_1	Т			0.5 T	3.8	1.2	2	7 2	T 1	0.3	т	0.8	1	0.6	1		
PARKERSBUPG FAA AP	SNOWFALL SN ON GNO							T	T	0.6 T	1.1	T <sub>1</sub>		T 1	T	Т	T		1.0	1.0	T 2	T 4	T_4	4	T 4	3	Т,	. 2	1.0	2		
PARKERSBUPG WB CITY	SNOWFALL SN ON GND							0.1 T	0.1 T	0.9 T	1.6		Т	0.4 T	0.8	Ť	Т		1.5	0.5	0.1	7 2	T 1	1	0.3	т	1.0	1	1.2 T	1		
WEIRTON	SNOWFALL SN ON GNO		Т				Т	T	0.5 T		0.3			1.0 T	0.5 T	т	T		1.0	6.0	1.5	U.3	3	3	T	Т	2.0	T	т	T		
WHEELING WAPWOOD OM 12	SNOWFALL 5N ON GNO	-	-	-	-	-	-	-	-	-	- T	-	-	- T	T	•	T	-	-	- 3	- 3	- 2	-,	- 2	- 2	- 2	-,	-,	-1			
NORTH CENTPAL 02																																
BEN50N	SNOWFALL 5N ON GNO											6.0	4	3	3	=	:	:	- 6	-4	2.0	4	4	4	4	. 3	3	2	1.0			
BUPNSVILLE	SNOWFALL SN ON GNO								0.5	0.5			9	7	1.0	6	4	3	2	7 2	2.0	2.0	0.5			т	T	1.0	Т	7.0		
GLENVILLE	SNOWFALL SN ON GNO								T 3		3.0		7	T 5	0.5		3	2		1.0		1.5	T 3	3	0.5	т	Т	1.0	T	4.0		
MANNINGTON 1 N	SNOWFALL SN ON GNO							T	Ţ	Т	1.0 T	5.0	2		1.0		т	т	1.0	4.0	5.0	7	5	5	0.5	2	1.0		4.0	3		
MORGANTOWN FAA AIPPORT	SNOWFALL SN ON GNO	T	T					T	T	T	0.4		2	1.5	Ţ	Ţ	T	,	0 . 3 T	3.1	T 5	T 5	T <sub>4</sub>		T	2	2.0	3	5.0			
SOUTHWESTEPN 03																																
CHAPLESTON WB AP	SNOWFALL 5N ON GNO WTP EQUIV						T	Т	T	0.7 T	5.9 T	1.3	.4	7 2	T <sub>1</sub>	Ţ	T	т	3,2	1.1	0,6	1.1	3	2	0.1	т	0.6	1	6.2 T	T 6		
CLAY 1	SNOWFALL SN ON GNO	:	:	-	:		•	-	-	:	•	:	-	-	•	-	-	-	-		•				-	-		•	-	:		
HUNTINGTON WB AIPPORT	SNOWFALL SN ON GNO					ľ		T	Ţ	T	5.6 T	6	5		3	T 1	T		т,	0.4 T	0.5	T	0.2	Т	Ţ	Ň	T	T	5.9 T			
MADISON	SNOWFALL SN ON GNO										1.0	4.5	. 5		•7					Ţ	2.0	,	2					0.:	0.5	6.0		
WINFIELO LOCKS	5NOWFALL SN ON GNO								Ţ	Ţ	T	5.0			T 1	T		т		т	0.8	T	0.5			т		Ţ	T	4,5		
CENTRAL 04														0														ľ				
APBOVALE 2	SNOWFALL SN ON GNO	1.5		Т	Т	Т	т	Т	т	T	1.5		8	6	1.0	1.0	2.0	T 7	6	8.0		0.5		13	12	10	10	T	8	6.0		
BAYAPO	5NOWFALL 5N ON GNO		7	1.0	7	6	T 6		3.0	T 10	3.0 13		T 13	12	2.0	Т	13	2.0		10.0				1.0	0.5	1.0		4.0		6.0		
CAMOEN ON GAULEY	SNOWFALL SN ON GND		1.0 T					2.0	3.0	1.0			2.0	6	2.0	1.0	1.0	2.5	2	4.0		4.0				2.0		1.0	3	10.0		
ELKINS WB AIRPOPT	SNOWFALL SN ON GNO WTP EQUIV	0.1	0 . 3 T	т	т		T	0.7	0.5	1.5		6	.5	0.3	4	0.1	1.1	2	2.3	2.7		2.0		0.2	0.4	.8	1.2	0.1	4	0.4		
FLAT TOP	SNOWFALL SN ON GNO							3.0	2	2	1.0				5	5	2.0	1.0		5.0	2.0	2.0	1.0	1.0						4.0		
MC ROSS	SNOWFALL SN ON GNO	Т	т	т	т	Т	T	Ţ	1.0 T	T	1.0		8	т	Ĭ	2.0	2.0	6	3.0		5.0	3.0	1.0					1.0	4.0	2.0		
OAK HILL	SNOWFALL SN ON GNO								0.5		1.5	6.0	5	5	0.3	2	2	2.0				2.0	1.0	0.5	5	L		0.5		4.0		
ROWLESBUPG 1	SNOWFALL		Ţ						1.0			4.0			2.0	т		1.0			2.0	1.0	Т	T	T.	T,		3.0		4.0		
SPPUCE KNOB	SNOWFALL SN ON GNO	2.0			Т	Т	2.0		2.0	3.0 5	4.0	12.0		14		1.0		3.0		12.0	2.0	4.0	3.0		25	23	20	3.0		6.0		
SOUTHERN 05	J. J. G. G.			i											•																	
BLUEFIELO FAA AIPPORT	SNOWFALL SN ON GNO						т	Т	Ţ	1.0		1.0	1	T	T	1.0 T	Т,	Т	4.0 T	1.0	0.9	T 6	1.0	T	T <sub>4</sub>	T 3	T	Т 3	5.0	0.1		
BLUESTONE OAM	SNOWFALL SN ON GNO							T	Ţ	Ţ	T	Ţ	T		T	T	2.0			2.0	Ť	T	T	Ţ	т	T		T	T	3.0		
LEWISBUPG 2 55W	SNOWFALL SN ON GNO						т			T	т	3.5	3	3	2	1.0	3	2	3.0	1.0	6	6	6	6	6	,	4		4.5	5		
PINEVILLE	SNOWFALL 5N ON GNO								Ť		2.0		T	Т	1.0		Ţ	Ţ	Т	Ţ	2.0	1.0	T 3	T 3	2	т	т	Ť	т	4.0		
WHITE SULPHUP SPPINGS	SNOWFALL SN ON GNO											6.0	5	6	3	2	2.0		1	3.0	3	2	2	1	1	1	1	Т	Т	3.0		
NOPTHEASTERN 06																																
BPUSHY RUN	SNOWFALL SN ON GNO										0.7	6.1		.4	T 3	2	0.6	1	1	10.5	7	6	6	*5	. ,		4	3	2	3,2		
MARTINSBUPG FAA AP	SNOWFALL SN ON GNO	Т					т			T	1.5	6.0		6	T_4	0.5	7	2	9.0	7.0	Т	13	11		9	8	7	6	4.0	10		
MATHIAS	SNOWFALL SN ON GNO		T				1.0 T				1.0 T	6.0	4	3	2	T 2	2.0	2	2.0	13.0		13	13	13	12	11	10	9	3.0			
MOOPEFIELO MCNEILL	SNOWFALL SN ON GNO				-		•	-			T -	3.0	•					-	2.0	ж.			•		-			-	3,0			
	7			1													1					1								1	1	

SNOWFALL AND SNOW ON GROUND

WEST VIRGINIA FEBRUARY 1964

Continued															-	-	_	-						-	-			_			EDRU	JANI	1 70,7
																	Day	ol m	onth														
	Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31
PIEDMONT		SNOWPALL SN ON GNO	,					T				(	3.0	3	3	T	3 3	2	T		13.0		10	9	6		,	,	0.1		7 11		

STATION	K NO.	COUNTY	TAINAGE T	LONGITUDE	NOLLY	TU	ME AI	ND.	OBSERVER	STATION	K NO.	COUNTY	AGE 1	LATITUDE	LONGITUDE	NOLLY	T	SERVAT IME AI TABLES	ID	OBSERVER
SIATION	INDEX	COUNTY	DRAINAGE	TONG	ELEVATION	TEMP.	EVAP.	SPECIAL	OBSERVER	SIAHON	INDEX	COOMIT	DRAINAGE	LATI	LONG	ELEVATION	TEMP.	PRECIP. EVAP.	SPECIAL OLE SOTES	OBSERVER
ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2 ATMENS CONCORO COLLEGE BAYARD BECKLEY V A HOSPITAL BECKLEY WB AP BELINGTON BELLEVILLE DAM 20	0102 0143 0249 0355 0527 0580 0582	PRESTON MONROE RANGOLPH POCAHONTAS MERCER GRANT RALEIGH RALEIGH BARBOUR WOOO	2 39 29 7 37 44 2 38 55 7 38 26 7 37 25 9 39 16 7 37 47 7 37 47 10 39 02 8 39 09	79 36 80 38 79 40 79 49 81 01 79 22 81 11 61 07 79 56 81 45	1219 1555 3020 2730 2600 2375 2330 2504 1679 600	5P 3P 5P 6P MIO H	7A 7A 7A 8A 3P 7A 8A 8A 110 7A	н	MONONGAHELA POWER CO.  RASSIE L. SIMS  OMER S. SHITH  MRS. NETTIE R. SHEETS  CONCORO COLLEGE  HOWARD R. FULK  V. A. HOSPITAL  U. S. WEATHER BUREAU  GEORGE R. HILLYARO  CORPS OF ENGINEERS	MARLINTON MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA MC NECHEN DAM 13 MC ROSS MIOOLEBOURNE 2 ESE MOOREFIELD 2 SSE MOOREFIELD MCNEILL	5707 5712 5739 5747 5847 5871 5963 6163	POCAHONTAS BERKELEY BERKELEY HARDY MERCER MARSHALL GREENBRIER TYLER HARDY HARDY	9 9 7 8 4 8	38 13 39 24 39 28 38 52 37 25 39 59 37 59 39 29 39 02 39 09	80 05 77 59 78 00 78 52 81 15 80 44 80 45 80 52 78 58 78 54	2150 537 535 1625 2580 655 2445 750 830	6P 6P 4P 7P	6P 7A 7A 4P 7P	T H H H	CECIL A. CURRY FEO. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS RUSSELL O. AMICK JOHN W. CRUMRINE MRS. 2ELLA M. VETTER HRS. JOHN W. SAVILLE
BELVA 8ENSON BENS RUN 1 SSE 8ERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT BLUESTONE DAM BRANCHLANO 8RANONVILLE BRUSHY RUN	0679 0687 0710 0844 0921 0935 1075 1083	NICHOLAS HARRISON TYLER HORGAN NICHOLAS MERCER SUMMERS LINCOLN PRESTON PENOLETON	4 38 14 10 39 09 8 39 28 9 39 37 4 38 25 7 37 18 7 37 39 3 38 13 2 39 40 9 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 640 1885 2805 1388 600 1798 1375	8A 6P 6P HIO H	7A1 4P 8A 6P 6P 110 8A 8A 7A	H AC H	RAYMONO E. PHILLIPS CLARKSBURG WATER BOARD ROBERT N. MALL H. H. RUPPENTHAL, III SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN 8. SHREVE	MORGANTOWN FAA AIRPORT MORGANTOWN LOCK AND OAN HOUNDSVILLE MT STORM NAOMA NEW CUMBERLAND NEW MARTINSVILLE OAK MILL OMPS PARKERSBURG FAA AP	6212 6248 6293 6362 6442 6467 6591 6674	MONONGALIA MONONGALIA MARSHALL GRANT RALEIGH HANCOCK WETZEL FAYETTE MORGAN WOOD	6 8 9 4 8 8 7	39 38 39 37 39 54 39 17 37 52 40 30 39 39 37 58 39 30 39 31	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	825 620 2845 1210 750 637 1991	5P 6P 6P 7A	7A 5PI 8A, 6P 6P 7A1 7A	т с н н	FEO. AVIATION AGENCY CORPS OF ENGINEERS MUUNDSVILLE SEWAGE PLT HRS. EILEEN HINNICK VIRGIL G. WEBB MILLIAH B. HURRAY DR. 2. W. ANKROH HILES H. HARTIN HRS. E. H. HOVERMALE U. S. WEATHER BURRAU
BUCKEYE BUCKHANNON 2 W BURNSVILLE CAIRO 3 S CAMMEN ON GAULEY CAMAAN VALLEY CENTRALIA 2 NNW CHARLESTON WB AP CHARLESTON 1 CLARKSBURG 1	1220 1282 1328 1363 1393 1526 1570	POCAMONTAS UPSHUR BRAXTON RICHIE WEBSTER TUCKER BRAXTON KANAWHA HARRISON	7 38 I1 10 39 00 5 38 52 5 39 10 4 38 22 2 39 03 4 38 38 4 38 22 4 38 21 6 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	600	6P 6P 6P HID M	7A 6P 7A 7A 7A 6P 7A 1D 9A		MISS ILEAN WALTON OR. ARTHUR B. GOULO JOHN W. BROWN EUREKA PIPE LINE CO- MOWARD FLETCHER BEN F. THOMPSON JAMES W LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO- HENRY R. GAY	WPARKERSBURG WB CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEDMONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAM 22	6867 6954 6982 6991 7004 7029 7112 7207	WOOD TUCKER GRANT BARBOUR RANOOLPH MINERAL WYOHING MASON MERCER JACKSON	2 9 10 10 9 3 8 7	39 16 39 06 39 00 39 09 38 40 39 29 37 35 38 55 37 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410	5P 6P 7P 8A 7A 5P	5P 7A 7A 7A 8A 7A 5P	Ε н. Н	J U.S. WEATHER BUREAU FERNOW EXP. FOREST MRS. BESS S. MOHL MRS. HAXINE LEACH HRS. NELL B. ARMSTRONG C. A. SUTER. JR. JAMES G. MC DERNITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS
CLAY 1 CLENDENIN 1 SW CORTON CRESTON 1 SSW OAVIS ORY CREEK DUNLOW 5 E ELKINS WB AIRPORT ELLENBORD FAIRMONT	1723 1955 2054 2209 2462 2520 2718 2746	CLAY KANAWHA KANAWHA WIRT TUCKER RALEIGH WAYNE RANDOLPH RITCHIE MARION	4 38 27 4 38 29 4 38 29 5 38 56 2 39 08 4 37 52 8 38 02 10 38 53 5 39 16 6 39 28	81 05 81 22 81 16 81 17 79 28 81 28 82 20 79 51 81 04 80 08	805	6P. 7A 5P HIO H	7A 5P (1D 7A	C H	MRS. SARAH 8. FRANKFORT XATHERINE M. RADER MOPE NATURAL GAS CO. SEWARO R. LYNCH MRS. MARY L. OUMAS MRS. RUTH E. JARRELL KELLY BROWNING J. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT	RENICK 2 S RICHWOOD RIPLEY ROWNEY 3 NNE ROWLESBURG 1 ST MARYS SHITHBURG SHITHULE SMOOT SPENCER	7503 7552 7730 7785 7875 8274 8286 8295	GREENBRIER NICHOLAS JACKSON MAMPSHIRE PRESTON PLEASANTS DOODRIGGE RITCHIE GREENBRIER ROANE	4 8 9 2 8 8 5	37 58 36 13 38 49 39 23 39 21 39 23 39 17 39 04 37 53 38 48	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 80 40 81 21	1900 2300 610 640 1375 650 795 840 2450	6P 5P 5P 7P	7A	CC	MRS. MARY V. MC FERRIN OAYTON C WEBB CITY OF RIPLEY HISS FRANCES VANCE HRS. HAUDE C. BOLYARO JOHN H. INGRAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. JOHN P. JONES WH. VA. WATER SVC. CO.
FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW GRIFFITMSVILLE HACKER VALLEY	3215 3238 3353 3361 3544 3630 3648 3745	HERCER PENOLETON LEWIS HC DOWELL BRAXTON GILMER TAYLOR CALHOUN HCALHOUN WEBSTER	7 37 35 9 38 40 6 39 06 1 37 22 4 38 40 5 38 56 10 39 21 5 38 56 3 38 14 4 38 39	81 07 79 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59 80 23	. 3229 1900 1030 1426 840 727 1230 730 950 1501	6P 8A 6P 7A 5P 6A	7A 7A 8A 6P 7A 5P 8A 8A 7A	H M	FRED E. BOWLING GEORGE D. MANHER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN O. HOORE MRS. ELEA H. CARTER	SPRUCE KNOB STONY RIVER OAM STONY RIVER OAM SUMMERSVILLE 3 NE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM UNION VALLEY BEND	8536 8608 8662 8782 8807 8924 8986	PENDLETON GRANT NICHOLAS BRAXTON PRESTON TUCKER MASON TAYLOR MONROE RANDOLPH	9 4 4 2 2 4 10 7	38 41 39 08 38 18 38 39 39 27 39 09 38 41 39 19 37 36 38 46	79 31 79 18 80 48 80 41 79 33 79 30 81 50 80 02 80 32 79 56	3050 3400 1850 835 258 3010 630 1200 1975 2010	7 7 0 0 7 7 7 7	8A 8A 7A 7A 7A 7A	H C C C C C C C C C C C C C C C C C C C	HARRY J. GORDON FRED C. BECKER CHARLES F. GUM CORPS OF ENGINEERS CHARLES E. TREHBLY HRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS HRS. THELMA SPANGLER HRS. VIOLET L. SNECKER
MALL MAMLIN MARPERS FERRY HASTINGS HICO HOGSETI GALLIPOLIS DAM HOPEMONT HORMER HOULT LOCK 15	3846 3927 3932 3974 4128 4200 4264 4281	6 BARBOUR 6 LINCOLN 2 JEFFERSON 2 JEFFERSON 4 WETZEL 3 FAYEITE 5 HASON 4 PRESTON LEWIS 9 HARION	10 39 03 3 38 17 9 39 19 9 39 19 8 39 33 7 38 07 8 38 41 11 39 26 6 38 59 6 39 30	80 07 82 06 77 44 60 40 61 00 82 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 878	5P 7A 5P	6A 7A 5P 3P 7A 7A 7A 4P 2M	E A	MRS.OPAL R. JACKSON W. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MAS MILDRED E CRIST CORPS OF ENGINEERS MRS. HABRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VALLEY HEAD VANDALIA WARDENSVILLE R M FARM WASHINGTON DAM 19 WAYNE 2 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON WEST UNION	91 04 92 81 93 09 93 23 93 33 93 45 93 6 8 94 3 6	RANGOLPH LEWIS HARDY WOOD WAYNE WEBSTER HANCOCK BROOKE LEWIS DODORIOGE	6 9 8 7 4 8 8 6	38 33 38 56 39 06 39 15 38 13 38 29 40 24 40 18 39 02 39 18	80 02 80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 47	2425 1120 960 600 1515 1040 661 1020	0 8A 0 8A 5 5P 0 6P 8 6P	7A 8A 7A 6P 6P 7A	C A C H	KENT SWECKER CLARKSBURG WATER BUARD UNIVERSITY EXP FARM CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HEMRY. JR. EARNEST F. SMITH
HUNDREO #HUNTINGTON FEO BLOG #HUNTINGTON WB AIRPORT IAEGER IRELAND JANE LEW KRARHEYSVILLE 1 NW KERRIT KEYSER KOPPERSTON	4381 4393 4401 4471 4559 4763 4834	WETZEL  CABELL	8 39 41 8 38 25 8 38 22 1 37 28 6 38 49 6 39 06 9 39 23 1 37 50 9 39 26 3 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	828 1084 1142 1020	8A 5P	410 7A 5P 4P 8A 7A 5P	C H	MRS RUTH L.SIZEHDRE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE OFF EOWARD H.BOWEN POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	WHEELING WARWOOD OAM 1. WHITE SULPHUR SPRINGS WICEN WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS	9522 9554 9605 9610	OHIO CLAY CLAY MINGO HINGO PUTNAM	7 4 1	40 06 37 48 38 28 37 40 37 40 38 32	80 42 80 18 80 52 82 17 82 17 81 55	659 1914 114: 67: 659 57:	4 5P 3 3 8A	7A 8A 8A 7A	н	MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS
LAKE LYNN LEWISBURG 2 SSW LINOSIDE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS HADISON MANNINGTON 1 N MANNINGTON 1 W	5224 5284 532: 534: 535: 536: 556: 562:	2 MONONGALIA 4 GREENBRIER 5 MONROE 5 JACKSON 1 GILMER 3 LOGAN 5 KANAWHA BOONE 1 MARION 6 MARION	2 39 43 7 37 46 7 37 27 8 38 54 5 38 51 3 37 51 4 38 12 4 38 03 6 39 33 6 39 32	79 51 80 28 80 40 81 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975	5P 8A 7A 8A 6P	7A 5P 8A 7A 8A 6P 7A	C ,CC5C	MEST PENN POWER CO. RADIO STATION WRON LOUIS E. CANTIEERRY BROOKS E. UIT HOPE NATURAL GAS CO. COY E. HARSHALL CURPS OF ENGINEERS J. E. CURRY JAMES N. HORGAN ORA G. FROST											

I 1 - SIG SANDY; 2 - CHEAT; 3 - GUYANDOT; 4 - KANAWMA; 5 - LITTLE KANAWMA; 6 - MONONGARELA; 7 - NE#; 6 - ONIO; 9 - POTOMAC; 10 - TYGART; 11 - YOUGHIGGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantows, West Virginia 26500 orto any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

Delayed data and corrections will be carried only in the June and December immuom of thim bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inchem and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Buroau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Mnx and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan am recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960,

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may resuit in apparent inconsistencies in the record.

Entries of snowfall in the "Climntological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin,
- H "Snowfall and Snow on Ground" Table, Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication,

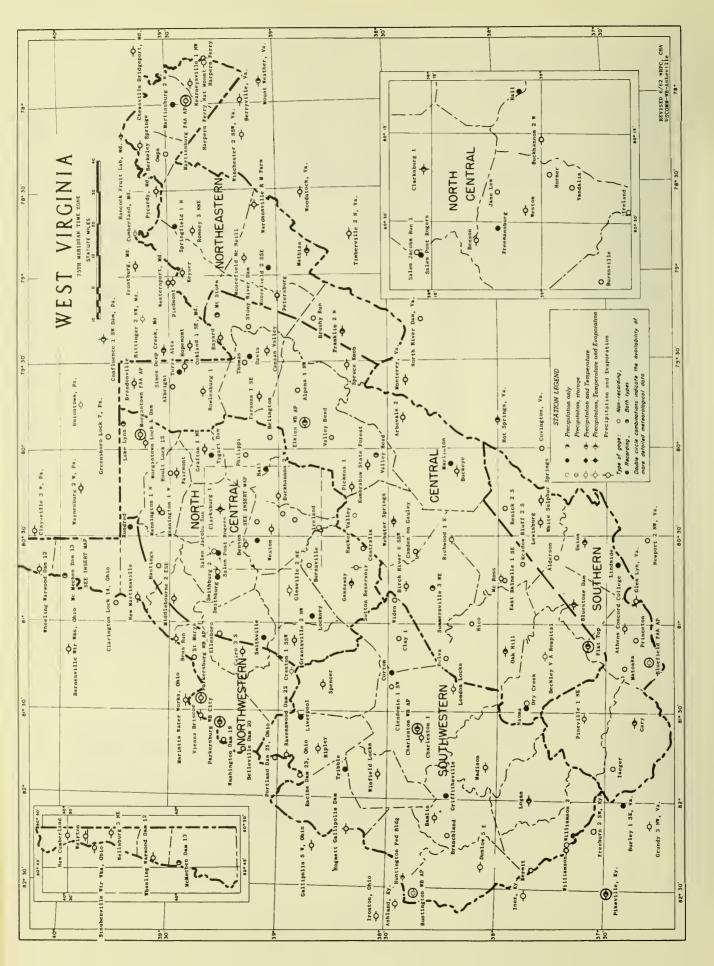
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table;
- And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- Gage is equipped with a windshield,
- AR This entry in time of observation column in Station Index means after rain.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 finches of new snowfall.
- One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- SS This entry in time of observation column in Station Index means observation made near sunset.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- X Observation time is 1:00 a.m., E.S.T. of the following day.
- VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest anomal issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

USCOMM-WB-Asheville, N. C. -4/27/64-725







WE

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary

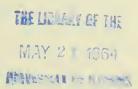
WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

MARCH 1964 Volume 72 No. 3





ASHEVILLE: 1964

## WEST VIRGINIA - MARCH 1964

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 80° on the 9+ at 5 stations

Lowest Temperature: 3° on the 1st at Bayard

Greatest Total Precipitation: 6.38 inches at Wheeling Warwood Dm 12

Least Total Precipitation: 1.45 inches at Wardensville R M Farm

Greatest One-Day Precipitation: 2.07 inches on the 10th at Wheeling Warwood Dm 12

Greatest Reported Total Snowfall: 23.8 inches at Pickens 1

Greatest Reported Depth of Snow on Ground: 49 inches on the 1st at Alpena 1 NW

## SPECIAL WEATHER SUMMARY

The weather for the month was quite average. Mild weather predominated the first part of the month and the only snow occurred on the last three days. Three strong frontal systems pushed their way across the State causing minor wind damage and power failures, but this is typical of March weather. The month will be remembered because of the Ohio River flood, which occurred on the 12-13th and caused damage estimated at \$15 million. The Ohio River was above flood stage along the entire reach within the State; in the northern Panhandle the stages were the highest since 1948, and below the mouth of the Kanawha the stages were the highest since 1958.

Although streamflow was excessive throughout the State, the Ohio River flooding was due mainly to the ice breakup in the Allegheny River on the 4-5th and excessive precipitation over the Ohio River Valley from the 9-12th.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

																			_		MAF	/CH	1964
				Tor	nper	ature											Procl	pltation	_				
				ৰ					p			Doyo	-		7	þs		Sno	w. Sleet			o, of I	
Station	958	ige num	9.5t	North	¥		Ti .		e Day	Me	х.	Mi	n.		North	oest Dey			Max Depth on Ground		More	More	or More
	Average	Average	Avec	Departure From Narz	High	Date	Lowe	Date	Degr	Mary or	31° ce Bolcrw	Part of	11	Total	Departure From Norm	Greatest	Date	Total	Max on G	Date	.10 or	35.	1.00
NORTHWESTERN 01					_						_	-	7				-				-		
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLANO	53.8 56.9 55.2 55.7M 52.7	29.4 29.4 26.1 30.7M 29.8	41.6 43.2 40.7 43.2M 41.3	= 1.0 .5 = 1.2	73 74 72	25 24 10 24 24	10 14 10 15 14	18	718 672 748 669 726	00000	0 0	21 20 23 19 21	0 0 0 0	4.58 4.19 4.67 5.29 5.96	.85 .16 .48	1.32 .87 1.14 1.64 1.61	60	1.0 3.0 2.0 2.8	1	30 30 31 31+	8 11 8 9 8	3 4 3 4	1 0 1 2 2
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	54.8 53.7 54.2 52.2 53.0	31.4 33.3 33.1 30.4 27.8	43.1 43.5 43.7 41.3 40.4	.8 1.0		24 24 24 24 24	15 15	18 18 18 18	675 658 653 726 756	00000	0	18 16 16 19 22	0 0 0	4.28 5.33 4.34 5.65 5.84	.44 .81 2.12	1.35 1.45 .85 1.55 1.58	9	3.0 T 1.3 3.5	1 1 1 1 T	31 30 • 30 31 31 •	10 10 8 9 8	3 4 6 6 4	1 0 2 2 2
WHEELING WARWOOD OM 12	52.2	29.9	41.1	1.9	71	25	16	19+	738	0	1	20	0	6.38	2.82	2.07	10	1.0	1	12+	9	4	2
01V1510N			42.1	.8										5.14	1.41			1.8					
NORTH CENTRAL 02	62.2	24.0	40.3		7.			10	746			2=		4.28			1.5		2	30+		1	,
BELINGTON BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	53.3 57.5 55.3 54.3 52.4	26.8 27.8 28.6 28.9 31.1	40.1 42.7 42.0 41.6 41.8	1.2 .8 1.8	75 72 75 72 69	10 25 9 5+ 24	11 10 14		764 683 706 718 713	00000	0	25 20 22 20 17	0 0 0 0	3.35 3.95 3.34 3.62	84 59 06 05	1.13 .67 .74 .50	14	4.5 3.0 3.2 2.0 5.8	3	30 ÷ 30 1 31 ÷	8 10 11 10	3 1 1	0 0 0
GASSAWAY GLENVILLE	59.5 56.4	29.9 29.1	44.7	- 1.2	78 77	9	14	19	622 681	0		17 21	0	3.43 3.15	- 1.23	.68 .81	15	3.5 5.0	2 5	30	8 9	3	0
GRAFTON 1 NE GRANTSVILLE 2 NW MANNINGTON 1 N	56.5 55.0	29.3 27.5	42.9 41.3	.6		26 24		18	677 729	0	1 0	19	0	4.49 3.42	73	.88 .49	15	3.0 4.0	3 2	30	10	4 0	0
MIOOLEOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L ANO O WESTON WEST UNION	55.0 52.0 54.1 55.8 55.5	30.0 31.6 29.4 27.8 29.1	42.5 41.8 41.8 41.8 42.3	∞ <sub>e</sub> 8	72 69 70 77 72	24 5 5 10 24	12	18 18 18 19+	688 716 712 712 694	00000		17	00000	3.72 3.91 3.85 4.75 3.87	.12 .11 .13	.81 .68 .84 1.34	15	2.0 1.2 2.8 6.5 4.0	T 7 1 2 1	31 ÷ 1 1 31 ÷ 30	8 10 9 11	2 3 3 3 3	0 0 0 1
OIVISION			42.2	. 4										3.80	26			3.6					
SOUTHWESTERN 03																							
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	58.6 57.4 61.2 59.1 56.7	34.8 32.4 29.9 33.0 28.8	46.7 44.9 45.6 46.1 42.8	2,3	80 80 78 76 77	4 5 9 9	18 14	19+ 19+ 19 30	563 619 597 580 680	00000	0 0	13 14 17 13 19	00000	3.65 3.50 3.52 4.73 4.23	= .69 = .62	.96 .98 .80 1.58	8	2.2 1.6 T	3 3 1 3 3	1 1 1 1 1	10 8 10 11 9	1 3 2 2 4	0 0 0 1 1
HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LONOON LOCKS	53.8 58.0M 57.5 58.6 57.4	30.0 36.5M 35.3 32.5 31.6	41.9 47.3M 46.4 45.6 44.5	1.8	72 76 76 80 78	26+ 9 5	12 18 16 17	1 30 19 1 30+	709 533 570 598 630	00000	1 0	18 12 17 20	00000	4.67 4.54 3.84 3.80	.49 .34 75	1.03 1.26 1.08	8 9	.6 1.5 1.5	1 2 4 2	1 1 1 30	7 11 8 10	5 2 3 2	1 2 1
MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER	58.2 57.0 57.7 59.8 57.6	30.5 31.8 33.0 30.5 31.8	44.4 44.4 45.4 45.2 44.7	1.9	79 73 72 78 76	5 24 5 5	14	1 19• 18 19	631 630 603 606 621	00000	0	18 14 13 16 13	0 0 0 0	4.01 4.63 4.29 5.12 3.70	.64	1.29 1.04 .96 1.00	15	1.0 .2 1.5	2 0 T	31+	10 9 6 11 6	2 4 4 5 5	1 1 0
WAYNE 2 W1LLIAMSON WINF1ELO LOCKS	59.6 56.1	32.3 30.5	46.0 43.3	.6	80 77	5	16 16	1	583 664	0 0		19	0 0	4.68 4.19	.12 .17	1.50 .80		• 3	1	1	8 6	3 5	1 0
OLVISION			45.0	1.1										4.19	.00			1.2					
CENTRAL 04																							
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW	49.8 49.3 55.4 52.0 54.2	24.9 25.3 28.1 30.7 24.4	37.4 37.3 41.8 41.4 39.3	1.9	68 69 73 71 73	9 9 9		1	848 851 713 726 788	00000	3 0 1	24 28 19 18 25	0 0 0 0	2.95 4.35 3.70 4.75 3.94	99 11 77	.94 .76 1.16 1.25	15 9 8	2.0 16.0 4.0 7.0	10 26 4 9	1 1 30+ 1	6 12 9 11	3 2 3 2	0
BRÂNOONVILLE BUCKEYE CANAAN VÂLLEY ELKINS WB AIRPORT FLAT TOP	49.9 54.1 46.5 51.9 47.6	27.6 24.9 25.0 27.5 26.5	38.8 39.5 35.8 39.7 37.1	.2	65 74	10÷ 9	10		807 782 901 779 857	00000	0	21 23 23 25 25	0 0 0 0	4.40 3.86 4.37 3.95 4.67	19 .11	.89 1.20 .89 .75 1.45	9 10 14	12.5 4.0 15.0 7.7 8.0	5 14 38 7 16	31 • 1 1 1	11 9 12 13 10	3 3 2 3 3	
HOPEMONT MC ROSS DAK HILL PARSONS 1 SE PICKENS 1	54.5 55.0 53.9 50.1	27.4 28.3 28.7 26.3	41.0 41.7 41.3 38.2		73 75 75	9	10 13	31 31 18+ 19+	738 716 727 821	0000	0	22 20 21 23	0 0 0 0	4.54 3.89 3.49 6.09		.88 1.06 .75 1.76	9	11.0 4.0 2.7 23.8	12 6 7 20	1 1 1 1 1	10 11 10 14	3 3 1 3	0 1 0 1
RICHWOOD ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	54.0 54.0 47.4 57.2M	27.9 29.0 27.4 28.3M	41.0 41.5 37.4 42.8M		73 75 66 75	10	12	31 19 19• 19	739 721 850 683	0000	3		0000	0 4.90 4.85 2.65 4.31		.75 1.05 .60 1.01	3	10.0 5.0 10.0 4.5	10 6 20 5	1 1 1 1	14 14 8 11	4 3 2 3	0 1 0 1
OIVISION SOUTHERN 05			39.6	1.4										4.20	⇔ .55			8.7					
ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT	55.4 52.1	32.6 32.1	44.0		72			30 30	642 702	0 0	1	16	0 0	4.36 3.90		.91 .90	8 8	1.5	1 3	30	11	3 2	0

#### Continued

Continued	1			Tox	nper	20170										Drogi	pitation			_		
				101	прег	l				N	o. of Day	ys				Freci		w. Sleet		N	o. of I	Days
Station	Aversge Maximum	Average Minimum	Avorage	Departure From Normal	Highest	Date	Lowest	Date	<b>Degree Days</b>	Ma sooqy	32° or x x X X X X X X X X X X X X X X X X X	din.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
BLUESTONE DAM GARY KOPPERSTON LEWISBURG 2 SSW PINEVILLE	54.6 56.3 57.2 55.5M 56.6	29.9 29.4 30.5 30.4M 29.5	42.3 42.9 43.9 43.0M 43.1	1	75 77 77 75 78	10 5 5 9 5	13	31 31 19	698 679 648 675 673	00000	1 20 1 20 0 18 0 19 1 20	000	3.09 4.29 5.23 3.53 4.62	.08	1.10 1.47 1.42 .90 1.35	9 9 8 8 9	1.0 T T T T 3.0			6 9 10 10	2 4 2 3	1 1 0 2
UNION WHITE SULPHUR SPRINGS	53.4 57.0	28.5 28.8	41.0 42.9	.3 1.4	74 77	10		31 19	739 677	0	1 23		3.20 3.05	43 95	.91 .87	9	.5	2	30	10	2 2	0
DIVISION NORTHEASTERN 06			42.8	•6									3.92	.01			•9					
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	53.6 54.4 58.3 53.5	29.8 28.8 31.5 32.4	41.7 41.6 44.9 43.0	•7	72 74 80 78	26 9 9 10	12 15 20 19	1 1 31+ 1	714 715 614 675	0000	0 18 0 19 0 17 0 18	0	2.15 1.95 3.11 2.83	38	.49 .56 .87	21 3 22 15	5.4 1.0 .0 2.7	8 0 4 9	1 1 1	7 6 8 6	0 1 2 3	0 0 0 0
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL OMPS PETERSBURG	53.8 52.2 57.5 M 57.2	30.2 28.7 29.0 30.0 32.4	42.0 40.5 43.3 M 44.8	.7 2.3	77 75 79 78	9 9 9	13 13 12 17 15	1 1 1 1 1	706 755 665 620	0000	0 19 0 21 0 21 21 0 18	000	2.66 2.05 1.96 2.12 2.15	60		10 3 10 22 3	7.0 2.8 T 2.0	7 10 0 4 0		6 7 6 8 8	2 1 0 0 1	0 0 0 0
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	52.0 56.4 54.5	31.3 29.8 29.5	41.7 43.1 42.0	1.4	75 77 78	10 9 10	14 13 11	19+	718 671 703	0 0	2 16 0 18 0 20	0	2.29 2.23 1.45	- 1.07 - 1.46	.48 .52 .42	11	3.0 T	8 5 5	1	8 6 5	0 1 0	0 0 0
DIVISION			42.6	1.3									2.25	76			2.0					

	1											D																MARCH	1964
Station	Total	1 2	3	4   3	5 6	7	8	9	10	11	12		of Me	mth 15	16	17   1	18	19   2	20   :	21	22   1	23 24	25	26	27	28	29	30	31
NORTHWESTERN OI BELLEVILLE DAM 20 BENS RUN 1 SSE CAIRC 3 S CRESTON 1 SSW ELLENBORO	4.17 4.98 4.19 4.67 3.64		.12	.24	.98 .61 .07 .80	.06	.37 T	.65 .62 .19 .72	.93 1.32 .68 .84		08: -10: -03:	.04	.65	.69 .46 .32						.31 .35 .25 .16	.04 .09		.09 .02	.14 .10 T			. 20	.05 .07 .19 .30	+01 . +03 . T .
MC MECHEN DAM 13 MOUNDSVILLE NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AP	5.77 5.29 5.96 4.28 5.34	.06	.04 .04 .05 .07	. T8 .81 .72 .83	.87 .02 T .21 .05		.10 .06 .25	1.64	.05	т	.09	. 29	.34 .23 .62 .58	.62 .24 .02		.09	T T T		.17	. 24 . 43 . 82 . 43 . 32	.36 .08		T .01 T .01	.04 .06 .03 .12 .15	.01 .11	.15 .12	.02	.06 .29 .06 .14 .03	7
PARKERSBURG WR CITY R ST MARYS MASHIMOTON OAM 19 WELRTON WELLSBURG 3 NE MMEELING WARWOOD DM 12	4.34 3.78 4.76 5.65 5.84	.02	.11	.T6 T 1.	.09 7 .18 7 .17 .08	Т	.32 .07 .11	.85 .64 .63 I.55 I.58	1.55	.04 T	.05 T .15 .23	T . 32	.64 .55 .24 .17 .24	.23 .82 .11	.03	.05	т		.06 T	.28 .30 .78 .78	.06 .03 .06		.04	T	1 .04	.09	.10 .09 T	.10 .01 .11 .08	.01 . .14 . .08 .
NDRTH CENTRAL 02 BELINGTON	4.28	Ť	. 31	.06	28 T		.33	.53	. 46	.06	.04	. 12		1.13	Т	Т	.01		.03	. 21	.39	т		T •02	.03	T	. 34	.23	.08 .
BENSON BUCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	3.35 3.95 3.36 4.50		.35 .48 .66	.14	.06 T .05		.46	.08 .05 .56 .75	.24 .69 .22 .71	.02 T	.02	.03	.74	.51 1.25 1.02			Т		.04	.29 .25 .22	.05 .10		T	T T	T T .D6		•21 •27 T	.18 .19 .38 .24	.02 . .01 . T .
CLARKSBURG I FAIRMONT GASSANAY GLENVILLE GRAFTON 1 NE	3.34 3.62 3.43 3.15		.11 .03 .68 .78	.37 .09 T	34 15 04 26	•	.42 .35 .61	.09 .19 .05 .23	.33 .58 .37 .25	т -	.05 .08 .01 T	-	.50 .41 .62 .21	.36 .47 .39 .81		T	т -	-	T	.24 .47 .19 .26	.04 .03 .14		-	T .07	т <u>т</u>	, 15 -	.22 .06 .13	.14 .07 .18 .21	.07 . .15 . T .
GRANTSVILLE 2 NW HASTINGS HORNER HOULT LOCK 15 1RELAND JANE LEW	9.00 3.22 3.47 4.66		.44 .05 .37 .05 .54	.73	.66 .28 .04	т	.29 .47 .62	.64 .66	.62 .83 .60 .66 .79	.03 .05	.01	.06	.26 .52 1.00	.88 .30 .20 .88 .62			T		. 35	. 20	.08 .10 .40			.17	.03 T		.20	.30 .20 .58 .05 .58	.07 . T .
LAKE LYNN MANNINGTON 1 N MANNINGTON 1 W MIDDLEBOURNE 2 ESE MORGANIOWN FAA AIRPORT	3.95 3.42 4.09 3.72	.01	.03 .02 .02 T	.49	.64 T .28 T .92 .02 T .02	T	.01 .27	.41 .47 .40 .48	.7T .40 .82 .60	•15 •19 •10 •02	.05 .12 .05	.34	.44	.65 .21 .76 .30		T T	.02 .01	т	T .06	.10 .40 .16 .23	.4T .03 .38 T		T T	.01 .05 .05 .09	.01 .02 .03 T	.02 T .09	.13 .08 .02 .09	.12 .20 .23 .11	.05 . .10 . .01 . .05 .
MORGANTOWN L AND O PHILIPPI SUTTON RESERVOIR VANOALIA HESTON	3.85 3.70 3.57 3.81 4.75 3.87		.15 .45 .40	.05 .01 .09	.60 .02 .32 T .12 T .03		.42	.32 .48 .63 .06	.84 .50 .64	.03 T	.07 .11 T	.16 .05 .02	.74	.74 1.03 1.21 .52	Т	Т	T T			.12 .22 .20 .29	.28 .10 .06			.03 T T	.03 T	T T	.13 .32 .13 .20	.07 .16 .16 .29	.01 .
SOUTHWESTERN 03									.64	.02	.12			.32												.03		.19	.05 .
BRANCHLAND CHARLESTON WB AP R CHARLESTON I CLAY I CLENTENIN 1 SW	4.76 3.65 3.50 3.54 3.85	.43	.51 .65	.07	43 T 37 42 32 45 T		.96 T	1.11 .07 .98 .88	.75 .44 .52 .10 .43	.03 T T	T	T T	.10 .30 .07	.68 .29 .47 .87	T		T		.13	.26 .19 .12 .20	.07 T .05 .10		T	,02 T	T	.13	.07 .09 .08 .17	.14 .07 .14 .25	.06 . .01 . .01 .
CORTON OUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON FEO BLOG	3.52 4.73 4.23 4.67		.64 .40 .83 .53	.05	28 43 T 43 15	-	-	.16 .11 1.02 .78	.43 .48 .57 .55	.06	.02	.04	.15 .12 .02	.35		-	T	-	. 19 T	. 26 . 22 . 28	.09 .05 .14			.10	Ţ	T	.12 .09 .06 .05	.10 .19 .14 .03	10 . T
HUNTINGTON WE AIRPORT KERMIT LOGAN LONGON LOCKS MADISON	4.54 4.64 3.84 3.80 4.01		.17 .18 .10 .24 .20	T .03	50 51 22 49		т	.40 1.31 1.26 1.08 1.29	.19 .53 .16 .25 .30	.04	.01 T	.03	.40 .02 .02	1.01 .73 .73	.05		r		.35 .28 .11 .26	.19 .32 .14 .31	.08 .08 .20 .11		•05	.02 .05 .05 .06		.05	.04 .08 .08 .13	.02	.03 . T .04 .
POINT PLEASANT 5 NNE RAVENSANDO OAM 22 RIPLEY SPENCER WAYNE 2 WIDEN	4.63 4.29 5.12 3.70		.40 .47 .53 .67	T 1.00	.18 .95 .03 .15 .51 T	-	•62	.85 .20 .59	.55	.04	T .03	T _	.56 T .90 .33	.27 .96 .40 .73	-	-	-	-	.04 T	.37 .35 .42 .06	.08		-	.09 .03 T T	T T T	.04 T	.10 .03	.01 .02 .20 .08	.01
WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS CENTRAL 04	4.68 4.62 4.19		.06 .10 .76	T .02	70 65 61 T			1.50	.30 .30 .67	.07		.05		.91 1.27 .80					.40 .39 .03	•13 •12 •25	.06			.11	=11,	.07	.08	.09	.06 . T . T .
ALBRIGHT ALPENA 1 NH ARBOVALE 2 BAYARD BECKLEY V A HOSPITAL	3.55 3.75 2.95 4.35 3.70	.07	.07	.07	40 .02 20 24 29 T			.38		.08 .07 T	.10 .10 T	.14 .05 T .30		.92 .82 .60 .76		.07	.01		.31		.35 .40 T .32			.02 .18	.02	T	.40 .15	.08 .02 .12 .17	
BECKLEY W9 AP BELVA BIPCH RIVER 6 55H BRANDONVILLE BUCKEYE  CAMOEN ON GAULEY	4.75 3.33 3.94 4.40 3.86		.03 .23 .42 .15 .86		.51 .25	T	.67	1.20	.71 .13 .80 .89 .22	.09	.05	T .16 T	.17	.48 .70 .47 .66 .67	T	.07	T .04		.10	.25 .19 .15 .21 .31	.01 .23 .41 .32		ľ	.10	.06	.12	.16 .24 .25 .28 .10	.23	.17 . .05 . .10 . .08 . T .
CAMAAN VALLEY DRY CREEK ELKINS WA AIRPORT FLAT TOP  MACKER VALLEY	4.37 4.00 3.95 4.67		.30	.11 .04 .05 .02	.07 T .30 .10 T .27	т	.65	.84 1.18 T 1.45	.89 .22 .66 .52	T	.32		* 75 T	.71 .20 .99 .29 .83	T	T T	T		.32 .05	. 36	.10 .14 .02 .12		т	.20 .06 .04	.06	.17	.28 .16	. 48	.22 .04 .13 .05
HICO HOPEMONT MC ROSS MT STORM	3.92 4.54 3.07	.04	.19	.21 .03	.13 .25 .28 T	-	.88	.25	.78 .57	T =	.06 .14	.09		.41	-01	•12	- •01	-	.09	.22	.11 .09 .30		-	.20	111 T	-	.12 T	.60	.05 .
OAK HILL PARSONS 1 SE PICKEMS 1 RICH+OOO ROWLESBURG 1 5MOOT	3.89 3.49 6.09 0 4.90 4.85	т т	.25	.20			.75	1.06 .08 .72 .32 .45	.54 .49 .62 .54 .35		.14 .02 .12 .15	.03 .11 .25	.57	.83 .37 1.76 .32 1.05	.03	т .	T T .05		.01	.17 .33 .17 .22 .20	.05 .06 .42 .12 .55			.10 T T .18	.13	T	. 24	.36	.14 .
SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE THOMAS VALLEY BEND	2.65 3.57 3.76 4.51		.60 .30 .25 .20	.09	20 17 02 27 .05			.36 .85 .43	.21 .40 .63 .57	.03 .10 .03 .18	.05 .07 .08	.06 .13 .21		.48 .55 .85 1.09	.03	•01	.04 .04	Т	.08	.12	.06 .22 .41 .42	ī	,	T T	.12 T	7	•23 •27 •42	.70 .16 .17	.08 . .11 . .14 .
VALLEY HEAD WEBSTER SPRINGS 1 E SOUTHERN 05 ALCERSON	4.04	.01	. 42		26 T 22			1.01	.51	.05		.15		.90	.04				Т	.30	.05			.02 .26	.06		.05	.05	.07 . .15 . .10 .
ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM	4.36 3.90 3.09	.03	. 03	T :	41 54 17		.91	18	.56 .47 .28	T T	Т	Т	.40 .37 T	.15	T			Т	. 42 . 27	. 26	T		T	.30		•10	.59		04 : T

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Station		Total													Day	of M	onth																
Station	1 0		ì	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GARY IAEGER KOPPERSTON LEWISBURG 2 55W MATOAKA	//R	4.29 5.01 5.23 3.53 4.22		Т	.03 .18 .08	.02 .04	.27 .42 .31 .26			1.42	1.47 1.75 .01	.43 .10 .24 .20	.03			.78 .47	.83 .68 .25	.03 .06				.48 .61 .36 .26	.31 .36	.07 T				.22 .22 .29 .15			•15 •10 •16 •12	.11 .31 .54	.20
PINEVILLE PRINCETON RENICK 2 S UNION WHITE SULPHUR SPRINGS NORTHEASTERN 06		4.62 3.78 3.18 3.20 3.05			.12 .03 .27 .03	T T	.45 .30 .44 .40				1.35 .96 1.05 .91 .87	.37 .33 .16 .26	•02			.02 .11	1.13 .78 .77 .69	.04 .05 .02				.53 .64 T .15	.17 .39	.02 .04				.29 .18 .10 .18 .15			.17 .03 .02 .11	.12 .12 .06 .11	*03 * T * * * * * * * * * * * * * * * * *
BERKELEY SPRINGS BRUSHY RUN FRANKLIN Z NE MARPERS FERRY HARPERS FERRY NAT MON		2.15 1.71 1.95 2.78 3.11			. 41 . 50 . 56 . 43	.10 T	T .18 .22		т	.08	.44	.26 .09 .16	T •07 •28	.08	.09	.35	.07 .45 .31	т					.49 .07 .13 7	.61				Ţ	.13 .27		.15 .02 T	.08 T	.02 . .05 . T .
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL		2.66 2.66 2.05	-	-	. 42 - 46 . 53 . 33	.09	.13	-	-	- •13 •30 •17	-19 -10 T	.67 .05	. 55	.08	.08	- •41 •37 •30	.58 - .11 .04 .08	-	-	ī	-	- .03 .02	.17 .50 .23	-	-	-	-	- •04 •09		.03	.02 T .03	.09 - .06 .03	05 .01
OMPS PETERSBURG PIEOMONT ROMNEY 3 NNE AAROENSVILLE R M FARM		2.12 2.15 2.29 2.23 1.45		Т	.25 .50 T .22 .27	.05 T .40 .03	.12 .15			Т	.13 .33 .12 .10	.23 .20 .48 .46	.21 .30 T	.15	.04 .10 .04		.35 .37 .30 .36		.06	ъ т			.08 .08 .07	.20 .40					т		•15 •09 •07	.06 T .01	T .04

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506 orto any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in the issue

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Win in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer nonths some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Nourly precipitation values are processed for special purposes, and are published later in "Nourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- \* Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- .// Gage is equipped with a windshield.
- B Adjusted to a full month
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Rourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Wasbington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing office, Mashington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

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Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16 Mc	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avorag
NORTHWESTERN 01																												1					
BEN5 RUN 1 55E	MAX M1N	43	51 34	57 39	60 36	71 43	56 26	55 28	67 32	60	57	50 31	44 30	41	59 28	61	52 26	7 <u>1</u> 3 4	56 14	36 16	46 23	45	45 29	50 23	60	72 38	69	46	47 28	66	43	33 72	33.8 29.4
CAIRO & S	MAX M1N	56 25	57 30	60 38	68 34	71 40	57	68 30	61 32	99	54 33	46 31	44 30	62	59	57 37	64 24	60	47 14	49	4 7 3 5	46	50 30	62	73 28	70 38	6 B 3 5	49	67	54 30	40	38	56.9
CRESTON 1 SSW	MAX MlN	44	55 23	56 37	60 33	70 34	56 25	5 7 2 5	60 32	54 34	74 43	52 32	47 32	42	64	59 37	54 24	64	5 B 1 4	37 11	48 11	47	45 31	49	61	72 29	70 40	60	50 25	69	45	33	55.2 26.1
MOUNOSVILLE	MAX	56 20	57 34	61 39	59 39	69	56	67 30	58 35	60 47	51 31			55 26	58 32	60 37	63 28	62	44	44	45 31	46	50 34	58 24	72 30	69	65 34	47	59 27	4 A 2 B	40	35 22	55.7
NEW CUMBERLANO	MAX MIN	53 28	54 37	63 35	56 38	64 39	*2 31	6 <b>4</b> 29	56 35	58 40	49	39	41 31	5 2 2 5	55 30	58 34	63	61 32	39 14	43	48 29	46	49	57 23	71	68	60 30	45	62	42 26	34 23	33	52.7
NEW MARTINSVILLE	MAX M1N	58 21	5 8 3 8	62 40	55 41	68 36	55	68	58 38	59 47	49	40 30	41	59 25	5 7 3 5	59 36	64 28	55 41	43	48 18	45 33	45 37	49 32	60 27	74	70 42	60 32	49	65 29	5 3 2 8	3 7 2 0	37 21	54.8 31.4
PARKERSBURG FAA AP	MAX	55 26	55 42	61 46	60	66 35	54	66 48	57 40	58 43	46 31	43 31	42	59 26	60 46	53 39	63 32	55 26	37 15	46 19	45 35	45 37	50 32	59 29	72	67 54	61 30	47	65	43	31	3 7 1 9	53.7
PARKERSBURG WB CITY	XAM NIM	55 25	57 45	62 45	67	65 37	55 28	65 43	57 41	62 43	48	44 31	41 32	60 27	62 42	52 39	63	55 25	36 15	47	48 35	45	51 33	60 31	71 37	68 53	62 30	48	6.º 34	42 26	30 20	37	54.2 33.1
WEIRTON	MAX M1N	52 28	53 38	62 38	53 41	66 35	50 28	64 38	53 36	59 39	48	46	38 30	50 26	55 38	59 34	62 29	55 32	37 13	44	46 27	44 37	51 31	55 24	72 -	66 48	60 27	45 23	62 29	42	35 20	35	52.2
WELLSBURG 3 NE	MAX	52 20	54 30	60 35	56 34	68 38	53 27	65 25	57 30	60 42	50 28	39 28	40	50 21	56 28	60 34	62 24	5 9 3 5	37 14	43 14	48 29	46 37	49	5 7 2 0	71	68 36	60 31	44	54	43	39	34 19	53.0 27.8
WHEELING WARWOOD DM 12	MAX MIN	41	52 35	54 39	61	65 43	54	55 29	63 37	58 38	60 38	49	40	40 22	50 26	59 37	51 28	60 32	50 16	35 16	43 19	46 32	41	50 26	56 27	71 35	68 47	61	46	64	42	32 21	52.2
NORTH CENTRAL 02																																	
BELINGTON	MAX	43	50 21	59 38	50 31	67 49	61 29	54 29	68 31	58 33	75 50	54 28	39 27	41 25	61 25	59 35	48 23	58 24	57	35 12	46 14	44	43	41	59 23	68 31	7 O 3 8	63	46 25	65 29	40 15	31 16	53.3
BENSON	MAX MIN	52 11	59 34	60 32	70 33	68 27	55 24	68 33	68 32	67 53	63 32	45 29	42 27	61 17	60 27	56 35	61	5 9 3 4	53	60	59 35	45 37	46	5 9 2 2	57 24	72 36	69 33	46 26	66 25	64 28	38 17	36 19	57.5 27.8
BUCKHANNON 2 W	MAX	48	56 40	49	68 31	69 38	54 25	67 32	60 32	75 54	58 32	41	42 28	60 20	59 28	59 34	68 24	56 38	50 12	44	47 31	44	43	5 9 2 2	68	70 37	65 33	46 25	66	50 27	37 16	35 18	55.3 28.6
CLARKSBURG 1	XAM MIM	53 14	56 39	54 39	72 35	72 37	53 28	66 30	58 34	64 49	54 31	45 29	40 25	61	61	60 33	61 25	54 29	36 15	43 15	47 33	45	45 34	5 9 2 4	69 29	70 38	63 30	48 27	66	41	32 18	34	54.3
FAIRMONT	MAX MIN	50 24	55 41	53 43	65 40	67 34	52 29	67 41	56 38	62 45	51 28	40 28	37 30	58 24	59 43	59 33	60 33	54 28	34 12	42 17	46 30	43	43 34	57 27	69 38	67	61	45	65 32	43	31 18	34	52.4 31.1
GASSAWAY	MAX M1N	53 16	59 33	52 38	72 34	70 42	59 31	70 34	65 33	78 46	74 35	46 32	48 31	65 21	63 31	61	65 23	60 30	55 16	47 14	47 35	47 36	46 35	63	72 29	70 34	72 37	50	70 27	64 31	42 18	40 15	59.5
GLENVILLE	MAX M1N	42 15	55 33	59 40	57 31	72 39	62 25	56 27	70 33	63 43	77 49	55 32	47 31	44	63 24	62 38	52 24	63 32	58 15	36 14	48 22	47 32	46 33	48	61	73 36	72 42	59 29	50 27	69 32	48 19	35 15	56.4
GRAFTON 1 NE	MAX MIN				•																							3					
GRANTSVILLE 2 NW	MAX MIN	45	57 28	58 40	59 37	72 42	58 26	58 31	71 34	60 39	70 29	54 32	50 33	44 22	65 27	60 38	54 25	64 33	57 14	39 15	49	48	46 33	50 23	63 29	74 37	76 45	51 29	52 27	69 31	45 19	32 15	56.5 29.3
MANNINGTON 1 N	MAX	53 14	55 30	57 37	68 34	70 40	57 27	67 26	60 35	62 40	52 30	38 27	42 28	58 19	62 26	52 36	62 21	57 31	52 11	45 11	47 30	47 38	47 34	59 20	72 20	71 35	63 33	47 24	67 26	28	38 19	34	55.0 27.5
MIODLEBOURNE 2 ESE	MAX MIN	54 17	55 32	5 9 40	67 38	69 38	62 27	67 29	62 31	57 51	53 31	45 30	40	58 22	58 29	59 36	62 38	59 35	44	46 15	43 34	45 38	47	59 23	72	68	66 32	46 26	67 27	43 28	38 19	35 19	55.0 30.0
MORGANTOWN FAA ALRPORT	MAX M1N	50 28	55 41	51 44	68 44	69 34	52 30	65 43	58 36	61 45	51 29	38 28	36 28	58 24	60 45	59 35	59 29	52 24	34 12	40 16	46 31	43 33	43	55 25	67	66 52	63 27	45 24	65 33	40	31 17	33	52.0
MORGANTOWN L ANO O	MAX	53 18	57 33	53 36	68 35	70 40	54 29	66 30	59 34	61 48	54 32	39 29	39 30		59 31	61 35	60 27	55 40	40 12			45	46 35	58 25	69 28	68 38	63 34	46 21	67 28	45 27	38 18	34 16	54.1
WESTON	MAX MIN	44 16	54 25	59 41	56 33	71 34	58 29	58 28	70 35	61 36	77 47	55 30	46 31	43	64 22	62 37	51 26	63 26	45 15	39 15		49	45 35	46 26	62 26	72 32	72 42	63 18	49	68 29	44 18	37	55.8 27.8
WEST UNION	MAX M1N	54 17	51 35	60 40	70 36	69 38	55 25		60 32	62 53		41 30	41 29		60 31	60 36	63 24	58 32	45 13	47 14	45 34	47 36	48 33	5 9 2 2	72 29	69 40	66 33	48 22		43 29	43 18		55.5 29.1
SOUTHWESTERN 03																																	
CHARLESTON WB AP	MAX	55 26	59 47	57 43	80 40	74 41	60 30	71 48	60 43	79 56	57 36	50 35	48 31	67 25	66 50	58 36		60 36	38 19		50 37		48 34	62 27	73 42	73 49	65 33	51 28	70 32	48 28	33 20	43	58.6 34.8
CHARLESTON 1	MAX M1N	46 18	55 29	59 43	55 36	80 50	58 27	59 37	73 39	59 43	79 48	49 34	52 37	48 24	67 33	64 39	55 27	65 35	60 18	40 18	50 28	50 37	47 35	50 25	63 33	74 42	72 44	45 27	52 29	69 31	49 19	34 19	57.4 32.4
CORTON	MAX MIN	55 18	59 32	56 40	73 34	71' 29	58 25	70 35	66 34	78 43	74 34	50 32	49 33	63 36	65 24	62 38	64 24	61 29	56 16	49	4 9 3 5	48 35	63 25	72 32	69	72 40	70 37	51 27	69 27	67 31	45 17	43 17	61.2
OUNLOW 5 E	MAX M1N	52 28	55 41	53 44	73 47	71 38	55 28	68 44	65 44	76 50	72 34	48 36	50 36	59 25	61 42	60 35	65 32	63 35	56 17	50 19	53 20	50 19	47 32	62 38	75 46	70 43	66 33	50 20	70 34	48 28	42 15	46 19	59.1 33.0
HAMLIN	MAX M1N	45 6	56 29	58 40	55 34	77 49	54 23	59 26	71 37	60 42	77	51 33	51 34	47	67 23	63 38	54 23		59 18	39 14	50 23	52 26	45 36	50 22	62 29	74 34	72 44	44	51 26	69 30	48 18	34 17	56.7 28.8
HOGSETT GALLIPOLIS OAM	MAX M1N	41 12	52 28	55 44	54 38	68 43	56 26	53 25	67 38	53 39	68 41	43 33	45 33	42 28		58 40	50 27	60 27	55 18	38 18	48 22	50 36	46 36	52 25	62 25	72 33	72 48	52 28	50 28	67 28	46 19	33 18	53.8 30.0
HUNTINGTON FEO BLOG	MAX M1N	59 34	64 52	61 50	76 47		61 31	72 46	58 46	75 50	53 37	37	44 34	65 27	61				38	48 22	52 37	50 36	51 35	64 30	73 39	72 55	63 33	50 27	67 35	45 23	32 18	46 22	58.0 36.5
HUNTINGTON WB AIRPORT	MAX	55 32	56 46	55 47	75 41	64 39	59 28	72 48	59 45	76 52	54 38	52 37	49 38	68	66 48	58 43	69 33	61 43	43 17	47 16	48 32	50 35	48	60 25	71 40	70 56	61 31	48	67 35	44	30 19	47	57.5 35.3
LOGAN	XAM N1M	49 17	55 30	57 40	56 41	80 52	57 29	59 30	71 39	66 41	79 54	55 35	55 36	48 28	70 28	62	54 27	65 27	60 23	43 20	54 21	55 42	47 35	48 29	67 29	75 36	71 47	55 26	54 30	68 33	49	33 21	58.6 32.5
LCNDON LOCKS	MAX MIN	43	54 29	57 40	57	76 57	57 29	59 30	70 41	49 41	78 40	65 35	52 31	49	67 29		52 28	65 28			52 20			49 31				53 27	52	68 31	47 19		57.4 31.6

Continued										AI.				LFL			O( )(														N	ARCH	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of M	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MA0150N	MAX MIN	45 14	54 28	58 38	56 41	79 44	58 27	61	71 38	62	77 54	56 34	54 35	48 25	69 25	62 39	54 26	65 26	60	42 18	54 19	53 37	46 35	48 28	65 28	75 36	73 46	53 25	55 26	69 28	49 19	32 17	58.2
POINT PLEASANT 5 NNE	MAX	57	56 45	61	56 35	64	56 24	69	66	60	50	47	46 35	61 21	61	61	64	63	50 15	46 15	48 35	49	53	61 26	73	70 46	69	50	67	46 27	41 17	46	57.0 31.8
RAVEN5WOOD OAM 22	MAX	55 21	56 42	56	58 37	72	60	66	64	66	59 34	47	51 41	64	61	60	61	62	55 14	48 16	48	49	50	63	70	71	68 35	48	64	52	44	42	57.7 33.0
RIPLEY	MAX	57	58 41	60	62	78 41	71 24	72	68	75 52	59 36	49	45	63	61	62	65 25	61	55 15	50 14	50 35	49	52	62	74	71 42	69	52 21	69 28	47 29	45 19	43	59.8
SPENCER	MAX	54 16	56	57	72 38	69	55	69	65	76 53	57 33	47 31	46	63	63	62	62	61	54 15	47 13	46 34	46	47 33	61	72	70 43	69	49	67 30	44 28	41	40 17	57.6
WAYNE 2	MAX	10			20	30	2,	, ,	26	,,	, ,,	31	34		7,	31	2)	72	10	13	34	34	33	23	30	43	34	- 1	30	28	10	1	31.8
WILLIAMSON	MAX M1N	49 16	57 30	5 8 40	61	80 41	58 28	60	70	66	78 53	53 36	58 32	49 27	71 28	64 41	57 27	68 29	61 26	46 20	57 25	57	48 31	49 29	68	75 37	71 50	50 27	55 30	69 33	50 20	34 20	59.6 32.3
WINFIELO LOCKS	MAX	43	55 29	57	55 38	77	58	56 28	68	60	75 44	53	49	47 26	59 26	63	54 28	71 28	58 18	38	48 19	50	46 35	49 28	60	72 36	70 39	52	50 28	67	45 19	34	56.1 30.5
-CENTRAL 04	HIN	10	29	43	30	76	67	20	29	70	77	34	34	20	20	39	20	20	10	10	19	31	3,	40	21	36	39	20	28	31	19	19	30.
ARBOVALE 2	MAX	46	50	50	51	50	52 24	62 33	62 27	68 35	62 29	45 24	43 24	51 18	48 24	49	52 31	51	47 11	47		37	36	50	64	63	61	47	52	45	30	32	
BAYARO	MAX	10	53	47	31 55	59	45	60	55	69	63	32	35	48	54	53	52	50	46	39	38	35	36	50	63	64	62	39	18	25 55	31	32	49.
BECKLEY V A HOSPITAL	MIN	48	31 52	53	31 68	67	58	64	28	73	68	23	46	62	57	56	58	57	50	50	27	43	40	60	68	31 62	30 59	48	67	25 54	39	39	25.3 55.4
BECKLEY WB AP	MIN	18	38	51	35 66	37 65	54	38 61	31 55	71	31 64	28	27	18	33 56	35 54	56	53	35	48	34 43	40	40	57	65	63	35 57	46	62	42	25	3.8	52.0
BIRCH RIVER 6 SSW	MAX MAX	29 47	38 51	45	65	33 66	55	66	55	73	28 68	27	43	60	57	32 58	58	35 55	49	13	33 46	28	39	58	68	67	25 57	47	35	24 48	37	12 36	54.
BRANOONVILLE	MIN	8	34 48	33 52	34 46	19 67	20 58	50	64	53 55	68	50	25 34	35	53	58	15	56	49	30	27 43	43	37	15 42	55	30 65	31 67	61	20	25 64	36	28	49.9
BUCKEYE	MAX	10	32 51	39 55	60	36 58	28	62	30 54	72	72	25 46	26	16	53	33 50	31 57	36 57	52	12	50	40	31	20 58	62	36 65	50 64	50	61	56	15 39	16 35	54.
CANAAN VALLEY	M1N MAX	9	34 48	33 45	32 52	38 57	20 45	26 55	26 54	34 65	33 61	32	35	47	21	38 48	20 47	21 45	15 41	10	31	31	32	17 51	60	35 63	34 57	40	18	29 50	31	28	46.
ELKINS WB AIRPORT	MIN	15 50	38 54	35 46	29 65	37 65	53	35 66	27 53	74	23 65	20	40	18	33 56	29 57	56	33 53	32	43	26 42	31	37	14 57	66	33 69	26 62	18	25 63	38	8 27	34	51.0
FLAT TOP	MIN	10	36	36 47	32 50	33 63	31 52	51	32 58	50 52	27 69	24	27 45	43	32 54	32 53	40	28 52	51	32	27 49	32	31	34	54	35 62	60	51	25	24 58	15 34	18	47.0
HOPEMONT	MIN	16	31	37	35	46	23	25	33	39	47	25	25	21	23	33	31	31	14	13	17	28	25	20	27	29	47	19	19	27	7	8	26.
MC ROSS	MIN	47	50	48	58	62	55	64	63	73	70	48	48	58	58	53	58	58	50	51		37	36	56	68	68	64	47	61	58	35	37	54.
OAK HILL	MIN	17	34 52	53	33 53	45 68	60	37 58	29 67	38 67	31 74	26 54	50	21	31 61	33 57	22	26 61	55	18	31 50	30 40	29 42	20	27 64	34 70	34 71	70	24 51	24 65	22 45	9 28	55.0
PARSONS 1 SE	MIN	22	33 58	38	41 64	46 68	52	28	37 56	37 75	70	29 38	29 39	57	21 55	36 52	24 56	25 54	16	16	17	35 43	31	21 57	67	40 69	48 66	24 45	24 65	27 58	38	10 34	53.0
PICKENS 1	M1N MAX	13	30 51	35 45	31 59	42 62	39 51	37 63	32 53	70	30 63	27	39	24 55	28 55	34 55	28 53	29 52	13 43	15 43	29	34	33	26 52	27 63	35 65	33 57	25	28	27	16	18 30	50.
R1CHW000	MIN	11	34 52	35 48	26 56	33 63	27 54	35 64	32 66	73	28 67	24	28	18 56	35 57	33 62	23 50	29 53	10	10 53	30 45	29	28 35	20 . 56	29 63	35 67	28 63	21	30 61	22 57	11	37	26.3
ROWLESBURG 1	MIN	18	34 57	38	33	38 70	28	40 67	33 57	45 75	30 60	26 38	29 37	21 61	33 59	35 60	21 58	27 54	14	12 45	33	31	30	20 58	31	36	33 64	21	29	25 49	12	9 32	27.
SPRUCE KNOB	MIN		31				3 Z 5 5	31 50	33			28				35 52		31 51				35		28	29	36		26 55			18	20	
WEBSTER SPRINGS 1 E	MIN	20	30 57	38	35	42	25	70	40	41 75	50 73	22	22	20	27	25 61	28	37	8	8 51	22 45	27 45	28	20	30 69	35 70	48	20 50	24 65	61	11	12	57.
50UTHERN 05	MIN		36	36	35				35	50	29	19				38		23	16		30				23		35				16		
ATHENS CONCORO COLLEGE	MAY	5.2	52	5.6	63	66	66	59	57	72	69	49	48	55	52	56	55	53	52	48	47	42	43	58	65	65	61	63	61	61	32	39	55.4
BLUEFIELO FAA AIRPORT	MIN	23	28	55	43	49 62	25	59	38	49	35 63	28	30	22 59	38	36		36	18		33	30	24	29	32	48 62	47 57	46	38		11	15	32.0 52.1
	MIN	28	39	47	50	32	27	44	45	54	29 75	28	30	26	60	34	31	39	19	18	22	28	28	29	40	51	27	22	34	26	9	32	32.1
BLUESTONE OAM	MAX	24	53 28	38	39	71 41	30	56 30	63 35	37	41	33	29	26	27	38	26	28	23	19	20	33	35	27	27	69 32 70	42 68	28	27	30	18	16	29.9
GARY	MAX	23	52 29	57 40	62 36 75	77 40	58 27	61 27	63 37	55	76 42 71	53 35	53	50 23	66 24	39	23	59 24 57	58 25	17	57 18 48	51 39	46 33 43	26	26	70 32 68	68 68	26	26	66 32 65	16	13	29.
KOPPERSTON	MIN	50 23	50 36	51 39	34	39	55 28	38	51 40	74	35	32	32	65 24	58 38	58 32	60 24	29	19	17	38	33	32	25	31	42	38	26	23	30	14	13	30.5
LEWISBURG 2 SSW	MAX	51	52 38	39	57 36	66 46	53	61 35	59 34	75 38	33	48 29	48 28	57 22	52 31	53 31	58 26	57 29	56 34	15	47 33	32	40 31	56 24	67 29	66 39	62 39	25	26	58 27	16	2.1	30.4
PINEVILLE	MAX	23	53	38	37	78 38	28	59 29	34	35	77 43	56 33	30		31		26	61 27	24		17	- 1		27	27	71 32	41	27	52 26		48	13	56.6 29.5
UNICN	MAX	40 19	50 30	55 42	36	67 49	26	55 30	60 32	50 37	74	53 29	27	50 22	58 29	56 35	46 25	59 29	58 19	39	50 20	40 32	31	20	57	68 33	66	25	50	30	13	30 12	53.4 28.5
WHITE SULPHUR SPRINGS	MAX M1N	50 18	56 38	57 40	54 35	68 50	58 30	63 30	63 30	77 38	69 35	50 29	51 26	5 <b>7</b> 20	54 27	49 39	61 23	60 25	53 18	53 13	49 32	43 32	45 32	60 21	68	71 35	65 39	51 28	65 22	61 31	15	15	57.0 28.8

WEST VIRGINIA

Continued		_	-				_							_	_													_	_		-	-	_
																Day	Of M	onth															100
Station		1	2	3	4	3	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Ave
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX M1N			44 36		69 40			55 31																								53.6 29.8
FRANKLIN 2 NE	MAX MIN	50 15	55 30	50 35		63 35	56 27		48 31	74 41		49 30	48 28		53 30		57 33		52 16			40 33		58 20	6.8 2.7		64 39				38		94.4 28.8
HARPERS FERRY NAT MON	MAX	52 20	61	5 2 3 5		74 35	68 34		5 9 3 3	80 44	75 42	51 31	49 31		51 32		64 31	67 34	60 22		48 28	43 27		5 5 36	65 40		75 39	55 30		59 37	46 21	41 20	58.3 31.5
KEARNEYSVILLE 1 NW	MAX MIN		47 32	55 36		68 42	71 35		66 32	52 41		58 31	47 27			53 38	49 38	60 37				46 32		45 26			74 52						53.5 32.4
KEYSER	MAX MIN																																
MARTINSBURG FAA AP	MAX	-		44 37		70 42			53 33	77 41		48 29					61 37					37 32		53 26			73 35				3 8 2 2		53.8
MATHIAS	MAX MIN	48 13	52 26	48 34	45 35	64 42	53 30		55 30	75 42	66 35	48 28	47 26		52 28	49 39	59 34	58 29	49 15	48		36 31		54 20						54 31			52.2
MOOREFIELD MCNEILL	MAX MIN	53 12	60 21	48 35		68 45	58 29		68 29	79 38	75 38	46 31	45		56 26	58 41	61 29	61 25	52 18			41 33					68 41						57.5
OMPS	MAX MIN	17	29	37	29	42	33	29	35	39	43	30	25	24	26	29	29	35	19	25	25	20	28	28	27	37	43	29	27	36	25	30	30.0
PETERSBURG	MAX	54 15	60 38	56 39	48 40	68 45	56 32		62 32	78 42	74 38	46 31	47 29		56 43	56 42		60 41	55 18		46 30	40 32		57 24			70 42	52 30		60 28	41 22		57.2 32.4
PIEDMONT	MAX MIN		52 37	47 40	45 30	66 30	54 32	60 35	68 40	53 44	75 51	64 28	40 26		54 35	52 34	50 33	57 39	55 14			33		20	56 34	68 44	69 46	67 26		63 28	39 21	32 18	
ROMNEY 3 NNE	MAX MIN	54 13	60 26	49 37		68 45	56 33		66 31	77 40	74 37	45 31	42 25		52 25	51 41	61 37	60 28	55 19			38 33		56 21		72 34	71 40	50 30		60 33	41 24	37 20	56.4 29.8
WARDENSVILLE R M FARM	MAX MIN	45 11		56 35		68 37	68 34		67 31			66 31	47		53 28		50 33		60 19			40 32		44 23			72 43	69 30			43 24		54.5
WARDENSVILLE R M FARM		45	52	56	47	68	68	52	67	58	78	66	47	45	53	55	50	60	60	38	48	40	39	44	55	69	72	69	51	61	43	35	54.

# EVAPORATION AND WIND

Station																Day	Of M	onth															r g.
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot
NORTHEASTERN 06																																	
WARDENSVILLE R M FARM	EVAP W1NO		:	:	:	-	:	:	:	:	-	:	:	-	:	-	:	•19 73	# 194	.39 103	·11	.02 38	.01 40	.01 31	·10	.09 27	·10	.20 210	·17	•17 79	109	107	:

### SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve humi		rages -		Numl	per of da	ys with	precip	itation			ınset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	6010.	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
SECKLEY WB AIRPORT	16	8	13.1	53++	25	10	72	75	58	66	7	4	8	2	1	0	22	-	7.6
CHARLESTON WB AIRPORT	23	9	8.1	37++	25	10	69	71	51	54	6	5	9	1	0	0	21	-	7.3
ELKINS WB AIRPORT	16	7	9,5	35++	25 •	17+	79	84	59	64	7	5	10	3	0	0	25	-	7.7
HUNTINGTON WB AIRPORT	18	8	8.3	35++	26	17	72	78	58	61	2	6	9	1	1	0	19	-	7.4
PARKERSBURG W8 CITY	-	-	8.5	37	w	17	-	-		-	1	10	4	4	0	0	19	42	-

DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.

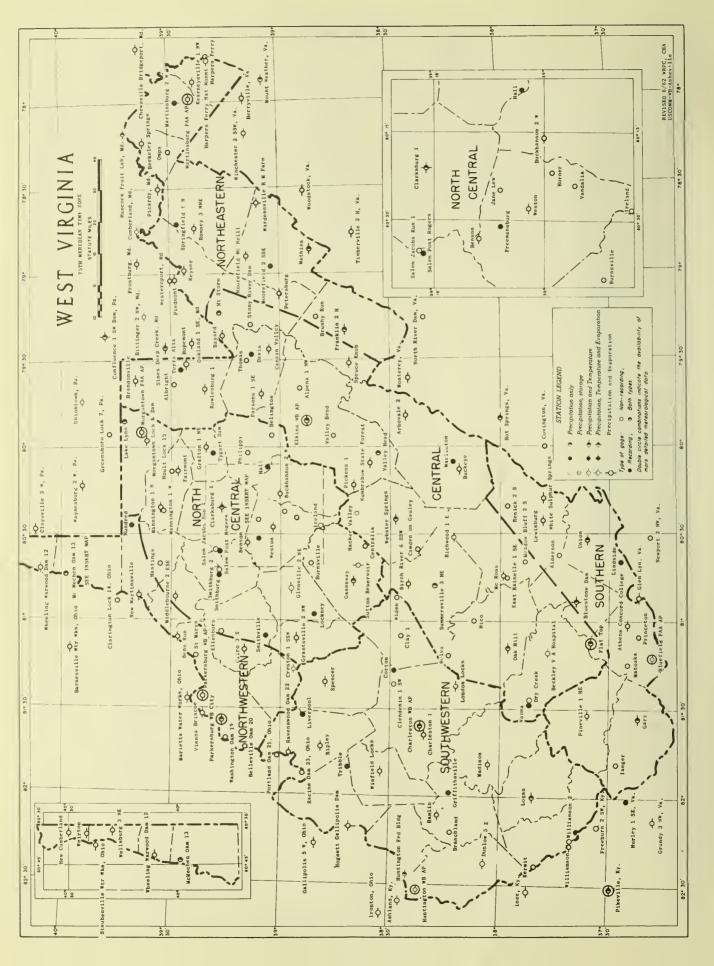
Station																Day		T									1	1				
	,	ī	2	3	4	5	6	7	В	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN 01 CRESTON 1 SSW	SNOWFALL																														3.0	
NEW MARTINSVILLE	SN ON GNO	ī	T								T								T								T				1.5	
PARKERSBURG FAA AP	SN ON GNO										T	Ţ															Т	т	Ť	. 2	, T	
PARKERSBURG WB CITY	SN ON GNO	Ť									Т	İ															Т	, T			0.7	
	SN ON GNO	Ť	T								Т								T											T	1	Т
WEIRTON	SNOWFALL SN ON GNO										T		1.0						'								Ť	1			Т	2.
WHEELING WARWOOD OM 12	SNOWFALL SN ON GNO	1											1.0	Ť	Т				T												T	
NORTH CENTRAL 02 BENSON	5NOWFALL																										Ť				3.0	
BURNSVILLE	SN ON GNO			T																								Т		Т	6.0	
GLENVILLE	SN ON GND	5	Ť	T	Т																							T		Т	5.0	
MANNINGTON 1 N	SN ON GND	3									Т	2.0							т									Т		,	2.0	
	SN ON GND	2	1	Т								T																			Т	T
MORGANTOWN FAA AIRPORT	SN ON GNO	7	2	Ť		Ť					Т		0.2 T					Т	Ť	Т		Т					T	T	Т	Ť	1.0	
SOUTHWESTERN 03 CHARLESTON WB AP	SNOWFALL										Т	Ť							Т			. т								1.2	0.9	0,
	SN ON GNO	. 3																													•1	
HUNTINGTON WB AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	2 . 3									Т								T		0.0	Т								0.4 T	0.2 T	Т
MAOISON	SNOWFALL SN ON GNO																														1.0	
WINFIELO LOCKS	SNOWFALL	2																													0.3	
CENTRAL 04	SN ON GNO	1																													T	T
ARBOVALE 2	SNOWFALL SN ON GNO	10	6	4	2								T								T	2.0									T	T
BAYARO	SNOWFALL SN ON GNO			17	15	13	Ť	8	6	5	т	T	1.0	4.0	Т	Ť	т		1.0	T		T	2 . 0					1.0		1.0	2.0	
CAMOEN ON GAULEY	SNOWFALL SN ON GNO						Ť					Ť							Ţ				1.0							2.0	9.0	4.
ELKINS WB AIRPORT	SNOWFALL SN ON GNO		s	2	1	Т	Ť				0.1	Ţ	1.0			Т			T		Т	0.	0.3				т	0 . 1 T		_	1.7	2.
	WTR EQUIV				·														,		3.0		,							, T	• 1	
FLAT TOP	SNOWFALL SN ON GNO	16	12	7	2																3		4	- 1	4					Ť	4.0	-
MC ROSS	SNOWFALL SN ON GNO	12	9	7	4	Т	Т	Т	т	Ť			T								1 · C	1 1 . C	T							Т	7.0	
OAK HILL	SNOWFALL SN ON GNO	6	5																												3.5	
ROWLESBURG 1	SNOWFALL SN ON GNO	6	4	Т.	Т							T	1.0	Т					T									T		T	1.0	3.
SPRUCE KNOB	SNOWFALL SN ON GNO	20	16	10	5	T	т					1.0	T						T			2.0	1.0				T			1.0	3.0	2.
SOUTHERN OS						-					Т					т.						Т	T						Т	т	1.0	Т
BLUEFIELO FAA AIRPORT	SNOWFALL SN ON GNO	3	1								'	Т				'					Ţ	'							1	۳	1	
BLUESTONE DAM	SNOWFALL SN ON GNO																			Т	T		Т	-						1	1.0	T
LEWISBURG 2 SSW	SNOWFALL SN ON GNO	3	2																		Т	T								Т		
PINEVILLE	SNOWFALL SN ON GNO	T	Т	т											(																2.0	
WHITE SULPHUR SPRINGS	SNOWFALL SN ON GNO	1	Т	T																											0.5 T	Т
NORTHEASTERN 06	SNOVEAL																														Т	
BRUSHY RUN	SNOWFALL SN ON GNO	3	2	1																											T	
MARTINSBURG FAA AP	SNOWFALL SN ON GNO	7	6	4	2														T			3.0	3								3.0	
MATHIAS	SNOWFALL SN ON GNO	10	7	S	2																0.2	2 · C									0.5 T	0.
MOOREFIELO MCNEILL	SNOWFALL SN ON GNO																															т.
PIEOMONT	SNOWFALL SN ON GNO	8	6	4	Т								1.5	1.0					Ť			T						T			T	0.

			D) T	-			OBS	ERVA	TION										***************			1044
STATION	DEEK NO.	COUNTY	DRAINAGE :	LATITUDE	LONGITUDE	ELEVATION	TI	ME A SMECT	ND S	OBSERVER	STATION	DUDEN NO.	COUNTY	DAAGE	LAINIODE	LONGITUDE	ELEVATION	1	ME /	AND		OBSERVER
ALORIGHT ALDERSON ALPENA 1 NN ARBOVALE 2 ATHENS CONCORD COLLEDE BAYARO BECKLEY VA HOSPITAL BECKLEY WA AP BELLENGION	0108 01A3 02A5 0355 0527 0580 0582 0633	PRESTON MONROE RANDOLPM PDCAHONTAS MERCER DRANT RALEIDH RALEIGH GARBOUR WOOD	7 3 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7	9 29 7 44 0 55 8 26 7 25 9 16 7 47 7 47 9 02 9 09	79 30 80 30 79 A0 79 49 81 01 79 22 81 11 01 07 79 56 81 A5	290A	3P 3P 6P	8A	H H	MUNDNOAHELA POWER CO, RASSIE L. SIMS OWER S. SHITH MRS. NEITIE R. SMEETS CONCORD COLLEG HUWARD R. FULK V. A. HOSPITAL U. S. WEATHER BURTAU DEDRIC R. HILLYAND COMPS OF BRISHERS	MARLINTON MARTINSDURG FAA AP MARTINSDURG J W MATMIAS MATOAKA MC MCCHEN DAM 13 MC NGCHEN DAM 13 MC NGCHEN DAM 2 FSE MODREFIELD Z SSE MODREFIELD MC MELL	97D7 9712 9739 9747 9847 9871 9963 6163	POCAHONTAL BENKILLY BERKILLY HARDY MERCÉR MARSHALL DREEMBRIER TYLIR HARDY HARDY	7 10 9 19 9 39 9 36 7 37 8 39 8 39 9 39	24 20 52 25 59 1 59 29 29 02	80 05 77 59 78 D0 70 52 81 15 80 4A 80 52 78 58 78 54	939 1629 2580 699 2449 750 830		6P 7A 7A 4P 7P		B1	CACL A. CUMME FFD. AVIATION AGENCY PORPET L. PRINTEL VIRGIL L. MATHIAG NAT 8. THOMPSON COMPS OF ROSINTES RUSSEL D. AMITE JOHN W. FUMMING MSS. ZILLA M. VETTER MKS. JOHN W. SAVILLE
DELVA  BENSON  BENS RUN 1 55E  BERKELEY SPRINDS  BIRCH RIVER 6 55W  BLUFIELD FAA AIRPORT  BULESTONE DAM  BRANCHLAND  BRANCHLAND  BRANCH RUN	06 79 06 87 0710 08 A4 0921 0939 1079	NICHOLAS MARRISON TYLER MURGAN NICHOLAS MERCER SUMMERS LINCOLN PRESTON PENDLETON	10 3 8 3 9 3 A 3 7 3 7 3 3 3 2 3	8 14 9 09 9 28 9 37 8 25 7 18 7 39 8 13 9 40 8 50	81 12 80 33 81 06 76 1A 80 47 81 13 80 53 82 12 79 37 79 15		8A 6P 6P HIO 8A	7A AP 8A 6P 6P 41D 8A 8 TA 8A 7A	AE H	RAYMUNO E. PHILLIPS CLARKSBURG WATER BOARD ROBERT N. HALL H. M. RUPPENTHAL. III SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN BS. SHREVE	MOKGANIDWN FAA AIRPORT MORGANIOWN LOCK AND OAR MOUNDSYLLE MI STORM NAOMA NEW CUMBERLAND NEW MARTINSYILLE OAK HILL OMPS PARKERSBURG FAA AP	6212 6240 6293 6362 64A2 64A2 6467 6591	MONONGALIA MONONGALIA MARSHALL GRANT RALEIGH HANCOCK WETZEL FAYETTE MORGAN WOOD	6 39 8 39 9 39 9 39 A 37 8 A0 8 39 7 37 9 39 8 39	37 54 17 52 30 39 58 30	79 55 79 58 80 A5 79 14 81 29 80 36 80 52 81 09 76 17 81 26	620 2845 1210 150 637 1991 950	7P 3P 6P	7A 5P 8A 6P 7A 7A		н	PED. ASSATION AGENT ( COMPS OF ENGINEEP; MOUNDOSTLEE STWORE PET MMS. EILERN MINNICE VIRGIL G. #PBB WILLIAM B. MURPAY OR. P. W. AMFROM MILES H. MARTIN MRS. E. M. HOVEPMALE U. S. WEATHER BORTAU U. S. WEATHER BORTAU
BUCKEYE BUCKHANNON 2 W BURNSYILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTON 1 CLARKSBURG 1	1220 1282 1328 1363 1393 1393 1576	PDC AHONTAS UPSHUR 6RAXTON RICHIE WEBSTER TUCKER BRAXTON KANAWHA KANAWHA HARRISON	10 3 5 3 5 3 4 3 2 3 4 3 4 3	6 11 9 00 8 52 9 10 8 22 9 03 8 38 8 22 8 21 9 16	80 08 80 16 80 A0 81 JO 80 36 79 26 60 35 81 36 81 39 80 2J	600	6P 6P MIO I	7A 6P 7A 7A 6P 7A 6P 7A 410 9A		MISS ILEAN WALTON DR. ARTHUR B. GDULD JOHN W. BROWN EURKA PIPE LINE CO. HOWAND FLETCHER BEN F. THOMPSON JAMES W LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY	WPARKERSBURG WG CITY PARSONS I SE PETERSBURG PHILIPPI PICKERS 1 PIEDMONT PIAEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 700A 7029 7112 7207	WOOD TUCKER GRANT BAHBOUR RANDOLPH MINERAL WYOMING MASON MERCER JACKSON	8 39 2 39 9 39 1D 39 1D 39 9 39 3 37 8 38 7 37 8 38	06 00 09 40 29 35 55 62	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1093 1280 610 2410 584	6P 7P 8A 7A 5P	5P 7A 7A	K	н	U.S. WEATHER BUREAU FERNOW EFF. FOREST MRS. GESS. MOHL HRS. MARINE LEACH MRS. NILL B. ARMSTRONG C. A. SUTER, JR. JAMES G. MC DERMITT UNIVERSITY OF N. VA. W. VA. JATER SVC. CO. CORP. OF ENGINEERS
CLAY 1 CLENDENIN 1 SW CORTON CRESTON 1 SSN OAVIS DRY CREEK DUNLOW 5 E ELLIMS MB AIRPORT ELLEMGORO FAIRMONT	1723 1959 205A 2209 2462 2520 2718 27A6	CLAY KANAWHA KANAWHA WIRT TUCKER RALEIGH WAYNE RANDOLPH RITCMIE MARION	A 3 A 3 5 3 2 3 A 3 B 3 10 3 5 3	8 27 8 29 6 29 8 56 9 08 7 52 8 02 8 53 9 16 9 28	81 05 81 22 81 16 81 17 79 28 81 28 82 20 79 51 81 04 60 08		7A 5P M10	DID 7A	H H H	MRS. SARAH B. FRANKFORT KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL KELLY BROWNING U.S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT	RENICK 2 S RICHMOOD RIPLEY ROMEY 3 NNE ROWLESBURG I ST MARYS SMITHBURG SHOTIBURG SHOTIBURG SHOTISE	7503 7552 7730 7785 7875 8274 8286 8295	GREENBRIER NICHOLAS JACKSON HAMPSHIRE PRESION PLEASANTS DODORIDGE RITCHIE GREENBRIER ROANE	7 37 4 38 8 36 9 39 2 39 8 39 8 39 5 39 4 37 5 38	13 49 49 23 21 23 17 17 104 153 16	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 80 40 81 21	1900 2300 610 640 1375 650 795 840 2450 964	5P 5P 7P	8A 6P 5P 7A 7A 5P	NW.	н	MRS. MARY V. MC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS. FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN M. INGRAM MOPE NATURAL GAS CO. MOPE NATURAL GAS CO. JOHN P JONES W. VA. MATER SVC. CO.
FLAT TOP FRANKLIN 2 NE FREEMANSBURG CARY GASSAWAY GLENVILLE GRAFION 1 NE GRANTSVILLE 2 NW GRIFFITHSVILLE MACKER VALLEY	3215 3238 3353 3361 354A 3630 3648 3749	MERCER PENDLETON LEWIS MC DOWELL BRAXTON GILMER TAYLOR CALHOUN LINCOLN WEBSTER	9 3 6 3 1 3 A 3 9 3 10 3 5 3 3 3	7 35 8 40 9 06 7 22 8 40 8 56 9 21 8 56 8 14 8 39	81 07 79 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59 80 23	3229 1900 1030 1426 840 727 1230 730 950 1501	8A 6P 7A 5P	7A 7A 8A 6P 7A 5P 8A 8A 7A	A H H	FRED E. 80WLING GEORGE D. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE EARL R. CORROTHERS HOPE NATURAL GAS CO. ROBIN O. MOORE MRS. LELA M. CARTER	SPRUCE KNOB STONY RIVER DAM SUMMERSYLLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BENO	8536 8608 8662 8782 8807 8924 8986	PENDLETON GRANT NICHOLAS BRAXTON PRESTON TUCKER MASON TAYLOR MONROE RANDOL PH	9 36 9 39 4 38 4 36 2 39 2 39 4 38 10 39 7 37 10 38	08 17 39 27 09 41 19 8	79 31 79 18 80 50 80 41 79 33 79 30 81 50 80 02 80 32 79 56	3050 3400 1930 835 2587 3010 630 1200 1975 2010	5A'	8A 8A 7A 7A 7A	7A K	н	HARRY J. GORDON FRED C. BEECER CHARLES F. GUM CORPS OF ENGINEERS CHARLES E. IRRHELY MRS. MARGARET PERKINS MISS NORMA RUIT CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS.THELMA SPANGLER MRS.YIOLET L. SWECKER
MALL HAMLIN HARPERS FERRY MARPERS FERRY NAT MONHT HASTINGS HICO HOGSETT GALL[POLIS DAM HOPEMONT HORNER HOULT LOCK 15	3846 3927 3932 3974 4126 4200 4264 4281	BARBOUR LINCOLN JEFFERSON JEFFERSON WETZEL FAMETTE HASON PRESTON LEWIS HARION	9 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3 9 3	9 03 8 17 9 19 9 19 9 33 8 07 8 41 9 26 8 99 9 30	80 07 82 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 878	5P 7A 5P	6A 7A 5P 3P 7A 7A 7A 4P	A	HRS.OPAL R. JACKSON W. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. HRS MILDRED E CRIST CORPS OF ENGINEERS HRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VALLEY MEAO VANDALIA WARDENSVILLE R M FARH WASHINGTON DAM 19 WEYNE 2 WEBSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON WEST UNION	9104 9281 9309 9323 9333 9345 9368 9436	RANOOL PH LEWIS HARDY WOOD WAYNE WEBSTER HANCOCK BROOKE LEWIS OODDRIDGE	10 36 6 38 9 39 8 39 7 38 4 38 8 40 6 39 5 39	56 06 15 13 129 24 18 02 18	80 02 80 24 78 35 81 42 82 26 80 25 80 36 80 39 80 47	2425 1120 960 600 600 1515 1040 668 1026	6P	7A 6P 8A 7A 6P 6P 7A 6P	9A	н	KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP FARM CORPS OF ENGINEERS CITY WATER PLANT THOHAS W. MOORE C. E. STETSOM MISS DORIS J. PFISTER J. ARTHUR MENRY, JR. EARNEST F. SHITM
MUNDRED MUNDINGTON FED BLDG MUNTINGTON WB AIRPORT 1AEGER 1RELAND JANE LEW KERNETYSILLE 1 NW KERNIT KEYSER KOPPERSTON	4368 4393 4406 4476 4559 4763 4816 4836	WETZEL CABELL CABELL HC DOWELL LEWIS LEWIS JEFFERSON HINGO MINERAL WYOMING	8 3 8 3 1 3 6 3 6 3 9 3 1 3 9 3	9 41 8 25 8 22 7 28 8 49 9 06 9 23 7 50 9 26 7 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	1034 565 828 1084 1142 1020 550 625 930 1450	50	110 11D 7A 5P 4P 6A 7A 5P 6P	H)	MFGRS. LT. + HI. CO. CORPS OF ENGINEERS U.S. WEATHER BUREAU HRS RUTH L.SIZEMORE CLARKSBURG WATER BOARO CLARKSBURG WATER BOARO W B AGRICULTURE OFF EDWARD H.BOWEN POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	WHEELING WARWOOD DAM 12 WHITE SULPHUR SPRINGS WICEN WILLIAMSON WILLIAMSON 2 WINFFELD LOCKS	9522 9554 9605 9610	OHIO GREENBRIER CLAY MINGO HINGO PUTNAM	8 40 7 37 4 38 J 37 1 37 4 38	48 1 28 4 40 1	80 42 80 18 80 52 82 17 82 17 81 35	659 1914 1143 673 659 571	5P 8A	7A 7A 8A 8A 7A 7A		Н	CORPS OF ENGINEERS JAMES A. TERPY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILLMA E. ROBERTS CORPS OF ENGINEERS
LAKE LYNN LEMISBURG 2 SSW LIVERPOOL LOCKNEY LOCKNEY LOGAN MADISON MANINGTON 1 N MANNINGTON 1 W	5224 5284 5323 5341 5353 5369 5563	MONONGALIA GREENBRIER MONROE JACKSON GILHER LOGAN KANAWHA BOONE MARION MARION	7 3 8 3 5 3 3 3 4 3 4 3 6 3	9 43 7 46 7 27 8 94 6 51 7 51 8 12 8 03 9 33 9 32	79 51 80 28 80 40 81 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975 995	8A 7A 8A	7A 5P 8A 7A 8A 6P 7A	T EE	WEST PENN POWER CD- RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTI HOPE NATURAL GAS CO- COY E. MARSHALL CORPS OF RESIMEERS J. E. CURRY JAMES N. HORGAN ORA G. FROST												

1 - HIG SANDY, 2 - CHEAT; 3 - GUYANDOT, 4 - KANAWHA; 5 - LITTLE KANAWHA; 6 - MONONGAHELA, 7 - NEW; 8 - OHIO; 9 - POTOMAC; 10 - TYGART, 11 - YOUGHIOGHEMY

USCOMM-WB-Asheville, N. C. - 5/14/64 - 725

SEE REPERENCE NOTES PAGE 34



1.05 NWE

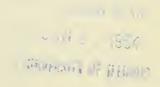
# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

APRIL 1964
Volume 72 No. 4





#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 90° on the 18th at Williamson

Lowest Temperature: 10° on the 1st at Middlebourne 2 ESE

Greatest Total Precipitation: 8.63 inches at Hopemont

Least Total Precipitation: 1.70 inches at Hico

Greatest One-Day Precipitation: 2.60 inches on the 29th at Piedmont

Greatest Reported Total Snowfall: 7.0 inches at Spruce Knob

Greatest Reported Depth of Snow on Ground: 10 inches on the 1st at Alpena 1 NW

#### SPECIAL WEATHER SUMMARY

Rainfall totals above 5 inches were common along the northern areas of the State, with 7.51 inches, or 212 percent of normal reported at New Martinsville. Most stations along the Ohio River north of Parkersburg had 150 percent of normal rainfall. The city office at Parkersburg reported a total of 6.40 inches, which is the fourth time since 1885 that an April rainfall above 6 inches has been recorded: 6.52 inches in 1901, 6.38 inches in 1920, and 6.75 inches in 1948. In the nearby Pittsburgh area, the local weather television program claimed that this was the wettest April since 1901 in their area, with falls near 7.50 inches.

The northern Allegheny mountain areas and the Eastern Panhandle had rainfall amounts above 160 percent of normal. Rainfall was normal to slightly below in the southern part of the State in spite of violent thunderstorms on the 19th. These thunderstorms produced hailstones up to 1 1/2 inches in size and resulted in roof and crop damage and window breakage in Boone and Raleigh counties. These thunderstorm areas moved northward and on the 20th caused local flooding from cloud-

bursts in the northern part of the State.

This above average rainfall has resulted in excessive soil moisture in the northern part of the State. The Water Resources Review noted that ground-water levels rose slightly despite the use of appreciable quantities of water by vegetation through evapotranspiration.

Although this was considered a wet month with many rainy days, Parkersburg's total recorded sunshine was 1 percent above the long-term average.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

#### PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to the National Weather Records Center at Asheville, North Carolina, where they are checked for accuracy and placed on punched cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the Asheville Center.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

				Ton	nper	aturo							ī				Procl	pitation					
										N	o, of D	ays	1					8no	w. Sleet		No	o, of I	Doya
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above M	Nelow .	Min.	-	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN 01												+	-				-			-			
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLAND	66.5 71.2M M 68.5 66.6	39.7 39.8M M 40.8 40.0	53.1 55.5M M 54.7 53.3	8 1.8	85 84	22+ 22+ 17	17 15 11 12	1 1 1 1	358 295 314 350	0 0	0	7	0 0 0	6.20 5.01 5.64 5.91 5.23	2.64 1.38 2.17	.89 1.30 1.03 1.25	20 20 20	.0 T .0	0 0 0		15 10 13 15	6 3 5 5	0 1 1 1 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	67.9 67.5 67.9 66.1 66.9	42.0 44.7 44.7 42.1 38.1	55.0 56.1 56.3 54.1 52.5	1.5 2.2 1.4	85 85 84	21+ 17 17 17 17	16 20 21 15 12	1 1 1 1	302 280 272 334 371	0 0 0	0 0 0 0	6 9	0 0 0 0	7.51 6.96 6.40 5.83 5.62	3.97 3.15 I.94	1.86 1.70 1.17 1.04 1.15	7 7 20	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	T T O T	1 2 1	12 12 10 13 14	7 6 7 5 3	2 1 1 1 1 1
WHEELING WARWOOD DM 12 OIVISION	63.8	40.2	52.0	.9 1.6	82	18	16	1	393	0	0	8	0	6.10	2.71	2.19	21	T	0		11	4	1
NORTH CENTRAL 02																							
BELINGTON BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	64.9 69.2 66.9 67.3 65.9	38.0 39.2 40.3 39.3 42.6	51.5 54.2 53.6 53.3 54.3	1.6 1.4 1.9 1.0	85 82 84	22 20 21 21 21	19 19 18 15 18	4 4+ 1 1 1	405 325 343 350 330	0 0 0 0	0	8 8 11	00000	6.10 5.07 4.48 4.52 4.65	1.28 .67 1.21 1.10	1.28 .92 .82 .96	8 19	3.0 .0 .7 T	3 0 T 0	1 2+	12 11 12 11	5 4 3 3 4	1 0 0 0
GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NW	70.8	40.5 41.0	55.7 55.4	.3	87 87		19 17	1	285 302	0	0	7 8	0	3.59 4.85	1.16	1.37		•5	0	1	9	1 4	1 0
MANNINGTON 1 N	68.2	38.2	53.2	1.5	84	21+	11	1	353	0			0	5 • 42	1.42	1.55	20	3.0	Т	1	11	2	1
MIODLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND D WESTON WEST UNION	68.0 64.7 67.0 67.4 69.2	41.0 43.3 40.0 39.0 40.5	54.5 54.0 53.5 53.2 54.9	6	83 84	17 17 17 22 21	10 19 18 18	1 4 1 1	312 339 344 361 308	0 0 0	0 0 0	9	0 0 0 0	5.75 4.66 4.44 4.70 6.32	.87 .87	1.03 1.30 1.29 .81	20 21 21	1.0 T .0 1.0	0 1 0 2 0	1	11 10 10 11 13	5 3 1 4 6	1 1 0 0
OIVISION			53.9	.9									Ы	4.97	1.30			.8					
SOUTHWESTERN 03													3										
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	70.8 70.7 70.9 73.4 70.1M	46.1 43.7 41.6 46.3 40.0M	58.5 57.2 56.3 59.9 55.1M	3.2	88 85	21+ 22 28+ 21 22	24 21 18 20 12	1 1 1 1	226 254 261 190 297	0 0 0 0	0 0 0 0	4 7 7 4 8	00000	3.20 3.29 4.93 4.50 3.69	48	1.03 1.88 1.66	19	T •0 •0 T	0 0 0 0		11 10 9 10 10	1 1 2 2 3	0 1 1 1 0
HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLDG HUNTINGTON WB AIRPORT LOGAN LONOON LOCKS	68.4 70.6 69.7 72.1 68.7M	40.2 47.0M 46.3 44.7 42.6	54.3 58.8M 58.0 58.4 55.7M	2.1	86 86 89		19 23 22 23 21	2 1 1 1 1	326 216 237 220 288	0 0 0 0	0 0 0 0	7 3 4 6 9	00000	5.24 3.09 4.18 2.64	1.79 58 .76	.89 .52 1.57 .52	19	.0 .0 .0	0 0 0		11 10 10	1 1 1 1	0 0 1 0
MADISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER	71.7 70.2 71.1 71.4 70.6	42.2 42.7 43.7 42.3 43.5	57.0 56.5 57.4 56.9 57.1	2.5	85 85 85	22 17 19 21* 21	21 17 17 16 17	1 1 1 1	248 271 247 252 261	0 0 0 0	0 0 0 0	7 7 6 8 8	00000	3.57 5.26 5.43 5.54 4.09	2.15	.82 1.76 1.21 1.65 1.15	20	•0 •0 •0 T	0 0 0 T 0	1	10 10 14 11 11	2 4 4 5 2	0 1 1 1
WAYNE Z W1LLIAMSON WINFIELD LOCKS	73.4 68.2	45.3 41.2	59.4 54.7	2.9	90 84	18	27 18	10+	196 316	1 0	0	2	0	4,66 3,55	1.10	1.38		•0	0		10	3	2 0
OIVISION			57.1	1.9										4.18	.71			Т					
CENTRAL 04  ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW	62.2 62.0 68.1 64.8 62.4	35.0 35.0 39.6 42.6 35.6	48.6 48.5 53.9 53.7 49.0	2.0	77 83 81	21 17 21+ 21 17	16 12 11 17 14		485 486 331 340 473	0 0 0 0	0	13 12 7 6	00000	4.06 6.82 3.54 3.46 2.64	.94 2.79 08	.86		3.0 4.5 2.5 .3	3 6 3 5	1 1 1	13 12 9 8 8	2 6 3 3 1	1 1 0 0
BRANGONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	60.8 66.8 59.9 64.7 59.5	38.0 35.6 35.8 37.6 37.1	49.4 51.2 47.9 51.2 48.3	1.0	82 76 82	18 21 21 21 22	17 15 12 17 13	4+ 2+	464 409 506 411 494	0 0 0 0	0		0 0 0 0 0	5.87 3.97 5.59 5.61 2.50	2.13 - 1.18	. 95		1.0 1.0 3.0 .7	3 1 4 3 3	1 1 1 1 1	10 9 14 12 8	6 3 4 4 2	1 1 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	60.3 68.0 67.1 65.5 62.5	37.8 38.8 39.9 40.0 38.1	49.1 53.4 53.5 52.8 50.3		85 84 83	17 18 22+ 21 21	16 18 16 20 16	1 1 4	476 345 346 367 435	00000	1 0 0 0 0	10 7 9 8 9	00000	8.63 3.05 2.06 6.71 5.61		.60 .46 1.25 1.44	20	T 2.0 .5 1.5 6.5	T 1 0 T 9	3 1 1	9 6 12 11	1 0 5 4	0 0 1 1
R1CHW000 R0WLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	64.9 65.1 57.7 71.3	39.7 39.6 38.9 40.2	52.3 52.4 48.3 55.8		82 75	21 17 18 21	18 21 15 24		376 373 497 284	0 0 0	0 0 1 0	8 7 9 8	0 0 0 0	3.19 7.40 4.26 4.05		1.14 1.15 .80		7 3.0 7.0 .0	4 3 8 0	1 1 1	9 14 11 10	1 8 1 3	1 1 0 0
DIVISION SOUTHERN 05			51.0	1.8										4.69	.68			1.9					
ATHENS CONCORD COLLEGE BLUEFIELO FAA AIRPORT	67.1 63.6	40.4 44.6	53.8 54.1			21	16 19		335 329	0	0	8 5	0	3.73 3.67		.59 .95		2.0 T	T 1	1	11 8	2 3	0

#### Continued

				Ter	nper	ature										Precip	pitation					
										N	o. of Da	ays					Sno	w, Sleet		N	o. of	Days
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above Ma		Min. 0 or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Dafe	.10 or More	.50 or More	1.00 or More
BLUESTONE DAM GARY //R KOPPERSTON LEWISBURG 2 SSW PINEVILLE	66.9 69.2 70.6 67.2 69.9	40.5 41.2 42.7 39.9 39.3	53.7 55.2 56.7 53.6 54.6	1.3	85 84 82	22 22 21 21 22	18 22 22 19 14	1 1 1 1	337 295 250 341 311	0 0 0 0	0 0 1	7 0 6 0 7 0 0 0 9 0	2.72 3.59 3.14 2.58 3.06	•21	1.04	14	•0 •0 T •0	0 0 0 0	1	8 10 8 7 11	1 2 1 2 0	0 1 0 0
UNION WHITE SULPHUR SPRINGS	65.5	39.6 39.8	52.6 54.4	1.0		22	18 20	1	367 318	0		9 0	3.53 3.03	.79 03	.61 .86	20 14	•3	0		11 7	3 2	0
DIVISION NORTHEASTERN 06			54.3	1.1					i				3.23	.10			•3					
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	61.3 64.8 65.0 60.2 64.0M	38.3 37.7 40.4 40.6 38.9M	49.8 51.3 52.7 50.4 51.5M	= 2.9	85 83 89 85	17 17 17 19+	17 20 25 21	2 2 5+ 2	451 402 370 441 404	0 0 0 0			5.56 2.52 6.26 5.22	2.03	.82	30 30 29+ 30	2.0 .0 .7	0 0 0 1	1	12 7 13 11	1 5 3	0 0 0 1
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL OMPS PETERSBURG	61.2 63.6 67.0 M	39.3 38.3 35.7 40.3M 39.8	50.3 51.0 51.4 M 53.2	- 2.5			20 18 12 20 19	2 2 1 5 2	438 413 403 348	0 0	0 1	6 0 9 0 2 0 9 0 8 0	4.61 2.98 4.72 5.36 3.44	1.37	1.22 .95 1.90 .88 1.02	29 29 30	7 2.0 T 1.5	1 7 0 0	1	10 8 12 9	1 5	1 0 1 0
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	60.2 64.2 62.6	40.9 37.6 37.1	50.6 50.9 49.9	- 1.2 9	83 86 85	19 17 18	20 17 19	4 2 2	443 419 452	0 0	1 0 1 0 1		7.57 4.36 3.34	4.43 .38	2.60 1.25 .59	29	2.0 1.0 1.5	1 2		11 10 11	4 2 1	2 1 0
DIVISION			51.1	- 1.1									4.66	1.77			.9					

### DAILY PRECIPITATION

WEST VINGINIA

																															ALE TAI	
Station	,ei		2	3	4	£,	6	7	8	9	10	11	12		ol M-	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	20	29	30 3	1
NORTHWESTERN 01						0					117	**	16			10	(1)	17	10							27	201					
BELLIVILLE DAM 20 HEND HUN I DOF CATACO B 5 CRESTON I SON ELLENBORO	5.05 5.01 5.01	0.00	.30 .25 .64 .17	.60	.30 .35		.09	.89		.01			.03	.01	+28 +43 1 +38 +32	. 05	*05		.4d	+37 +91 +27 +56	.94 .79 1.30 1.03	.54	#01 #12	.05	.03			.15 .24 .65 .30	.45 .44 .09 .48	.20	.00 .21 .11 .15 .20	
MC MECHEN DAM 13 MOUNDSVILLE NEW CUMBERLAND NEW MANTINSVILLE PARKERSHURG FAA AP	5.60 5.91 5.21 7.91 6.96	Ť	.76 .42 .70	.56	+2 s		.04 .52 .13 1.13	.55 .35 .54 .70	.39 .10	02 7 7	T T	*05	т	1 •15 •14 •40 •24	.39 .23 .22	Ŧ	.02 T	T	+22 008 33 +66	. 76	.63 1.25 .87 1.86 .49	1.37 .2L .63 .03	.02 .07	.07	.02		.03	.03 .53 .43 .65	.45 .12 .06 .08	.31 .14 .31 .10	.02 .18 .06 .19	
PARKERSBURG WE CITY R 5T MARY5 MASHINGTON DAM 19 MEIRTON MELLSMURG 3 NF	6.40 5.86 5.96 5.66	t 5	.65	.94 84.	+32		.06 .27	1.17	7 .56 1.17 1	7 . 05 T T	Ť	T		• 31 • 31 • 03 • 14 • 15	.02 .07 .35 .08	7	. n2 . 01		.51 .51 .20 .13	.43 .50	.63 .43 1.00 1.04 1.15	.40	.07 .14 T .14 .29	.08	. 10		.07	.70 .67 .15 .37	.03 .32 .53 .17	.08 .16 .11 .24	.17 .21 .08 .09	•
WHEELING WARMOOD DM 12	6.10	.12		. 72	.31		.05	.28	.23	T		T		Т	.70			T		+17	. 5 4	2.19	.02	. O R	T			.03	.40	.27	.04	
BELINGTON BENSON RUCKHANNON Z W RUPNSVILLE CENTRALIA Z NNW	6.10 5.01 4.48 3.64	.58	041 T 010	.55 .40 .42 .52	.36 .25		.22 .13 .02	.37 .21 .39 .12	.78 .92 .61 .22	.05 T T	T	T T •02		T .21 .10 T .02	.02 .25	T .02	•01		. 23	-17	.13 .34 .57 1.08	.51 .71 .10	.07 .11	.09		T		39 .30 .02	.31 .10 .04 .22	•02	.23 .03 .06 .02	•
CLARNSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRAFTON 1 NE	4.52 4.65 3.59 4.85	. T	.55 .52	.33	. 35	T _	.33	.96 .57 .11	.01 .04 .31 .50	.02	7 7	T •03	_	•15 •19 •16 •02	.02	, o1	.01	_	.27 .28 T	.38 .61 1.37 .62	.62 .61 .49	.02 7 .94	.10	.04	.02		_	.33 .36 .21	.45 .16 .20 .35	.04 .32	.07	•
GRANTSVILLE 2 NW HASTINGS HORNER HOLLT LOCK 15 19ELANO	6.50 3.56 4.75 4.26	.10	.40	.37		-	.53 .16 .10	.27 .11 .42	- 77 .70 .62	.02	ī	-	-	.10	•19 •22 •20	-	- T	-	.01	.91 .25 1.25	.71 1.14 .39	.6d .68	.12 .24	-	ī	-	-	.47 .20	.27 T .36	.33	4	•
JANE LEW LAKE LYNN MANNINGTON 1 N MANNINGTON 1 W MIDDLEBOURNE 2 ESE	4.61 5.42 5.51 5.75	.06	• 42	.34 .44 .45	.62 T		.23 .02 .47 .04	.09 .36 .35 .48	.72 .35 .23 .57	.02 .02 T	т	*°1		7 .05	.24 .10	.02	Ţ	т	.01	.05	1.55	1.76 .01	.03 .04	.04	.04			.32 .10 .38 .05	.34 .25 .55 .37		7 •35 T •22	
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O PHILIPPI SUTTON RESERVOIR VANDALIA	4.66 4.44 4.41 3.93 4.09	· 02 · 09 · 10	. 46 T	.95	.48 .28 .13		.51 .05 T	.34 .43 .31 .08	.28 .62 .55	T . 02 T	т	Т		*12 T *01 *14	•12 •23 •21 •11	.02 T	T • 01 T T	т	.19	·18	1.30 .35 .68 1.23	.02 1.29 .52 .25	.01	•03 T •03	T			.26 .02 .01 .02	.07 .26 .24 .23	.58	.05 .08 .13 .02	•
WESTON WEST UNION	4.70 6.32		. 04	• 51 • 45	. 31 T		.03 .47	.22	•59 •14	* 04. T		T • 02		.03 .18	.27 .02	.05	Т		.63	•39 •47	.61 .51	. 81 T	T •21	.04	т			.03 .56	. 34		.05	:
SCUTHWESTERN 03 BRANCHLAND	3.19	, т	.03	.07	. 40			.05	•58						.35	.05				.50	.42			.04	.10			.15	.17	.19	.09	
CHARLESTON WB AP R CHARLESTON 1 CLAY 1 CLENDENIN 1 SW CORTON	3.20 3.29 4.49 4.68	0 .01 0 .26 0 .06	.19	.18 T	.16		.04 .05 .02	.26 .16 .36 .07	.31 .38 .44 .73	Т	T			.23 T	.22 .14 .22	.01	Т		.18	.22	1.03	.01	Т	*02 T	.03 .07 .07		.12	.42 .43 .10 .30	.13 .16 .11 .28	.12	.12 .21 .30 .11	•
DUNLOW 5 E MAMILIN HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT	4.50 3.69 5.24	-	.04	.31	•12 •76	-	.10 .03 .07	22 05 33	.32	T T	-	-	- 1	.32 .26 .03	.27	.02	-	-	- 4.	1.66	.24 .79 .89	T . 04	.02 T -	.02 .03	14	-	-	.30 .55 .25	.03 .19 .43	.16	.08 .11 .15	
KERMIT LOGAN LONOON LOCKS MADISON POINT PLEASANT 5 NNE	4.41 4.18 2.64 3.51	.10	.04 .02 .07	.01	.18 .23 .37 .42		.10 .08 .08	.30 .33 .22 .27	.45 .31 .36 .49	. 02 T				Т	.31 .21 .14 .16	.02			. 23	1.79 1.57 .16 .82	.85 .48 .52 .64	,	.02	•02	. O1		T	.09 .28 .17 .24	.04 .11 .14 .12	.13 .43 .03	.10 .13 .18 .12	
RAVENSWOOD DAM 22 RIPLEY SPENCER WAYNE 2	5.43 5.54 4.09	T T .03	•	.58 .57 .21	.22	-11	.14 .33 .03	.20 .28 .06	.61 .08 .16	-	T -	T T		.34 .03 .37 T	.29 .30	T .03 .02	•04		. 14	.43 1.65 .58	.50	.08	.05 .05	• 02 T -	-	-	T -	.18 .55 .24	.57 1 .25	.10		
WIDEN WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS CENTRAL 04	4.66 3.32 3.55	.03	.09 .03 .10	. 03	.24 .57 .58 .27		.08 .13 .11 .10	.45 .08 .10	•51 •35 •27 •14	•01 <sup>1</sup>	.01			T T • 04	•11 •22 •36	.09			.1	1.38	1.06	.07		T	.01			.19 .18 .21		.30 .34	.10 .09 .09	•
ALERIGHT ALPENA 1 NW ARBOVALE 2 BAYAPO BECKLEY V A HOSPITAL	6.23 6.23 4.06 6.83 3.54	.16 .16	T • 04	. 55	.60 .35 .11 .47		.05 .04 .10 T	.67 .15 .19 .45	.45 .77 .15 .93	.01 .08 .04	т	•03			.44 .65 1.00 .77	.02 T				.21 .35 .15 .12	.31 1.12 .57 .55 .85	.72 .55 .14		.06				.02 .02 .20	.32 .31	.30 1.19	• 72	•
BECKLEY WB AP BELVA BIRCH RIVER 6 SSW	3.46 2.40 2.66	1 .11	.24	.03	.31		. 05 T	.24 .33 .45	•29 •31 •31	T			T	. 24 T	.09 .13	.06 T	.17		.7:	.86 .12	.55	.01	T		T		.14	.12 .16	. 14		, 22	
BRANGONVILLE BUCKEYE CAMOEN ON GAULEY	5.81 3.91	.10		.27	.54 .05		.05	.77	•32 •25	.07 .08	T	Ť		Т	1.39					.55 .24	.60	.93	.04	.05	.05			•03	.55		.02	
CAMAAN VALLEY ORY CREEK ELKINS WB AIRPORT FLAT TOP	5.59 3.59 5.61 2.50	.03 .02	.63	.55 .01 .35 .06	. 5 7 T		.40	.06 .01 .33	.42 .27 .31	.07	•01			.02 .62 .02	.58 .24 .01	.03 .02 †			.37	.62 1.13 .95 .73	.43 .72 .40	.32	.01		Т			.25 .20 .12	.19	.84 .04 .60 T	.14 .02 .08 .01	
HACKER VALLEY HICO HOPEMONT MC ROSS MT STORM	4.74 1.70 8.63 3.05 6.4	.08	.50	.33 .39			•19 T	1.00 .18 .42	.58 .28 .60 .77	.01 .05				•08	.12 2.87	•02	т		т	.09 .43 .36	.27 .29 .42	.92	.04	.03				.05 .07 T		.11 .04 .95	.07 T .71 .47	
OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOD ROWLESBURG 1	2.06 6.71 5.61 3.19 7.40	.38	.38 T	.53	.55		.04 .32 7	.01 .78 .13 .34 .78	.33 T .78	.01 .08 .26	Ť	T T		. 02	.24 .82 .43 .18	.05	т	т		.44 .84 .36 1.14 .25	1.44 .18	-44	.07	.02 .10	Ť			.07 .1	.15	.25 .11	. 20	
SMOOT SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE THOMAS	4.26 5.39 2.66 7.19	.18	.09	.38	.25 .40	-	.03	. 25 . 68 . 36	.41 .71	.04 .03 T	-	•	-		.49 .46 .13 .B7	т	.08	т	-	.14 .08 .75 .27	.52	.30 .53	-	.01	-	•	-	.01	.16	.76 .04 1.04	.48	:
VALLEY BENO VALLEY HEAO WEBSTER SPRINGS 1 E SCUTHERN 05	4.12 4.30 4.09	.23		.50 .40 .62	.46		EO.	.12 .54 .63	.43 .55 .01	.04 .06 .10	Ť	.10			.25 .40 .44		.06			•22 •36 •45	.73	.38						, 1 d	.10 .15	.05	.38 .18 .20	•
ALDERSON ATHENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM	2.4° 3.7° 3.6° 2.7°	.06	.07 .08 .06	. 95			.10 .22 .14	.14	•22 •41 •74 •27	.09 T			T	.04 .05 .01	.58 .05 T .39	Ť	• 02	•48	. 1	.28 .35 .84 .61	.57		Ť	•03 •09 T	T T		•12 •06	.14 .15 .17	.18 .01 .20	₹ •02	T .02	:

See reference notes following Station Index.

Continued																																
Station	Total													Day	of M	lonth																
Station	L L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
GARY IAEGER KOPPERSTON LEWISBURG 2 55W MATOAKA	3.59 3.84 3.14 2.58 3.97	т	.08	.12 .09 .17	.61	.05	.19 .22 .15 .13	.17 .20 .10 .06	.34	.05				.29	.03 .12 T	. 02 T			.38 T	.37 .82	1.04			·	.02 .04 T		Ť	.35 .41 .49 .34	.02 T	.05	.03	
PINEVILLE PRINCETON RENICK 2 5 UNION WHITE SULPHUR SPRINGS NORTHEASTERN 06	3.06 2.82 2.94 3.53 3.03	.08	.10 .10 .10 .10	.11 .20 .16 .11	.64 .12 .05			.05 .23	.38		•03			.06 .09 .04	•17 •05 •90 •53 •86		T •02			•22 •09 •43	.38	т	.09		T			.27 .01 .04 .2	.15 .06 .44 .20	.02 T	.06	:
BEPKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MON	5.56 3.12 2.52 4.44 6.26	.07 .02	.28	.08 .28 .12 .25	.06 .05 T	т	.02	.20 .09 .03 .12	•15 •12 •20					+04 T	.39 .12 .33 .50	.52	• B 5			.48 .03 .04	.54 .47 .40	.18	т					.31	.52 .14 .09 .18	.83 .20	.91 .59 .82 .80	:
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIA5 MOOREFIELO MCNEILL	5.22 4.61 2.98 4.72	.01		. 24 . 05 . 08 . 06	,06	-	.13 .36 T	.14 -27 T	.26 .11 .34	•05 T	-	-	-	•18	.67 .21 .14	.01	-	-	- 1	.33 .59	. 08	T . 22	ī	•02	- T	-	-	.4 •1 •2		1.22		:
OMPS PETERSBURG PIEDMONT ROMMEY 3 NNE WARDENSVILLE R M FARM	5.36 3.44 7.57 4.36 3.34	.18		.08 .28 .46 .30	.30		.04 .02 .07	.30 .68 .25	.40	Ť					.39 .10 .50 .26	.68	*04 T	• 01	ı		.58 .15 .35 .33	1.20	.02	.01 .01		T		•01	.22 .40	.70 1.02 2.60 1.25	.68 .38	•

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist at Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506 or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for January 1957.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Normals for all stations are climatological standard normals based on the period 1931-1960.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table; when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time,

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station lndex the letters C, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Weighing Rain Gage Recording Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

#### OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

- Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.
- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; and the Station Index.
- + And also on an earlier date or dates.
- ++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.
- $\ensuremath{^{\circ}}$  Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water Equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402

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Station	1	T	2	3	4	3	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30 31	Averag
NORTHWESTERN 01																					ii								da		-	
BENS RUN 1 SSE MAN			44	63	57	49	69 35	61	72 42	45 34	52 26	6 I 30	66 32	75 45	71	72	63	7 4 3 A	84	71 54	67	15	84 56	76 39	73 45	68	74	76 52	6.7	78 53	6.7 4.8	66.5
CAIRO 3 S MAI			5 A 2 2	62 38	50	70 26	65 50	75 44	57	54 34	63	69	70 34	72	73	70 42	76 28	85 37	82 42		80 52	85 60	85 50	16 45	78 43	79 42	7 <i>1</i> 35	68	83 48	73 48	84 49	71.2
CRESTON 1 SSW MAN	K N																															
MOUNOSVILLE MAX			50 23	62 36	45	66	65 48	68 46	63 41	53	62 28	65 30	75 34	71	72 52	70 47	70 29	84	83	67 51	66 54	83 56	81 55	75 41	69	70 36	78 42	77 48	80 49	74 56	6 B 4 B	68.5
NEW CUMBERLAND MAX			4 A 2 5	59	45 21	64 25	62	68	65 31	51 31	59 26	65 29	76 34	70 53	72 53	67 42	68 28	85 42	81 56	63 48	63 56	80 57	76 51	72 37	66	69 34	75 40	74 53	79 51	68 56	66 45	66.6
NEW MARTINSVILLE MAI			54 24	61	48	70 28	65 50	68 45	57 37	55 33	61	67 33	75 36	70	75 53	69 49	70 30	85 40	79 52	65 51	65 54	85 56	75 57	74 42	69 48	75 40	77 43	65 53	80 50	68 55	66	67,9 42,0
PARKERSBURG FAA AP MAI			57 30	60 27	46	69 31	61 54	71 54	56 36	53	62 31	67 30	71 47	70 58	72 55	62 43	75 35	85 57	74 57	66 55	77 59	82	76 53	73 44	69 47	75 42	73 48	6 8 5 2	81 60	69 54	63 47	67.5
PARKERSBURG WB CITY MAI			61 31	63	47	70 33	64 53	72 53	56 36	52 33	61 29	70 32	71 45	70 59	71 55	60 42	76 35	85 51	74 57	67 53	78 58	84 59	76 53	72 45	67 48	74 43	71 51	69 52	82 59	68 56	61 48	67.9 44.7
WE1RTON MAI		9	50 28	50 29	45 20	62 27	60 47	66 50	62 34	52 30	60 32	65 30	75 39	69 55	71 54	65 46	68 30	84 50	82 63	75 47	62 57	78 58	77 50	72 40	64 43	70 37	73 42	65 56	78 55	68 55	65 45	66.1
WELLSBURG 3 NE MAN			48 22	61	46 18	63 20	61 45	68 41	63 37	52 31	59 23	65 27	75 31	72 47	72 51	68 41	68 24	85 36	81 49	63 48	62 55	82 55	78 51	73 36	67 45	68 31	75 36	74 51	80 48	70 55	67 44	66,9 38,1
WHEELING WARWOOD DM 12	X 3		42 21	51 32	54 22	44 25	65 27	59 41	67 44	45 33	52 29	59 30	67 33	75 40	72 54	71 49	61 35	67 40	82 57	76 50	64 50	63 57	81 55	74 40	69 47	65 38	70 42	76 44	64 52	78 53	69 49	63.8
NORTH CENTRAL 02																																
BEL1NGTON MAI			37 20	60 28	60 19	48 20	67 30	61 42	74 44	45 29	50 22	60 27	66 29	71 44	65 53	72 45	63 25	65 32	80 44	79 49	67 51	77 54	83 56	72 48	72 46	67 33	74 39	67 45	61 50	80 50	69 47	64.9
BENSON MAI			60 19	61 40	45 19	72 22	71 42	72 40	47 39	50 30	58 20	69 27	75 31	70 44	₩3 48	70 43	73 36	82 45	76 55	69 53	85 50	8 4 5 3	75 49	73 47	75 45	76 34	70 40	65 39	90 49	70 54	70 45	69,2
BUCKHANNON 2 W MAX			60 21	61 37	45 20	69 25	65 51	74 40	58 38	50 31	58 21	65 26	70 35	68 54	70 51	64 45	68 25	81 41	77 46	65 56	78 54	82 55	78 60	70 39	67 47	72 35	71 38	65 51	79 50	73 55	67 43	66.9
CLARKSBURG 1 MAX			59 22	63 29	46 22	69 25	65 50	71 46	57 34	52 29	59 23	65 31	73 32	68 50	70 48	62 32	69 28	82 40	77 40	66 58	79 53	84 55	75 52	74 41	68 47	72 37	72 39	66 52	81 49	69 52	65 47	67.3 39.3
FAIRMONT MAX			56 26	60 26	44 19	68 28	60 53	70 43	53 33	51 31	60 32	64 29	73 45	68 56	72 55	61 39	65 30	84 58	79 56	64 56	70 57	84 56	75 54	73 43	66 46	72 38	73 44	62 54	79 48	68 58	64 47	65.9 42.6
GASSAWAY MAI			65 23	64 41	50 25	71 27	69 50	79 43	64 42	53 34	62 23	69 31	73 34	70 53	73 40	69 42	76 27	85 37	81 45	68 52	83 51	87 53	84 55	75 42	71 46	78 36	74 40	67 52	80 49	75 56	67 47	70.8 40.5
GLENVILLE MAX			44 23	65 32	62 24	66 26	72 53	69 47	77 43	48 35	55 24	62 32	74 34	77 55	72 49	75 43	65 27	75 37	86 47	80 53	65 53	83 55	87 55	76 41	72 48	70 36	77 36	76 53	68 50	82 54	72 48	69.7
GRAFTON 1 NE MAX																						ı										
GRANTSVILLE 2 NW MAX																																
MANNINGTON 1 N MAX			55 19	63 35	45 17	69 20	63 55	71 40	57 41	52 32	60 20	68 28	75 30	70 47	68 48	72 45	70 23	84 41	84 44	67 49	70 52	84 53	80 54	74 36	68 44	72 32	76 36	68 51	80 47	72 55	67 42	68.2 38.2
MIDOLEBOURNE 2 ESE MAI			56 23	61 37	58 20	68 24	61 51	71 45	58 39	5 I 34	60 25	72 29	75 34	70 55	70 55	65 46	71 28	83 39	80 47	66 55	71 52	82 56	77 55	74 39	67 50	73 37	74 41	65 52	78 50	74 54	66 48	68.0 41.0
MORGANTOWN FAA AIRPORT MA			58 30	62 25	41 19	65 30	62 51	68 53	55 33	50 30	57 29	65 30	72 48	69 56	69 53	59 40	64 30	83 57	76 62	65 58	70 58	81 53	72 52	68 41	63 47	69 40	71 46	62 55	79 60	63 48	62 45	64.7
MORGANTOWN L AND O MA	X 4	_	58 22	63 35	43 19	68 25	64 48	70 42	56 38	53 32	60 26	65 30	74 34	7 I 47	72 51	63 47	67 27	84 38	79 49	67 54	69 55	83 55	74 44	70 40	66 47	71 38	73 41	70 51	80 47	72 55	64 46	67.0 40.0
WESTON MAI			43 19	63 28	58 22	46 22	72 28	67 49	77 43	45 34	53 25	61 24	68 31	74 37	68 50	72 47	64 29	74 30	84 44	79 53	65 56	80 57	85 59	75 44	73 45	70 39	75 41	76 41	67 52	80 54	72 48	67.4 39.0
WEST UNION MAI			58 21	63 37	49	69 24	67 53	72 41	58 40	53 34	60 24	70 29	75 36	69 52	74 48	73 44	72	84 40	80 47	66 55	80 54	85 55	80 55	74 40	70 49	76 35	75 39	66 52	80 52	70 54	65 48	69.2
SOUTHWESTERN 03																																
CHARLESTON WB AP			72 31	67 35	51 27	69 36	73 54	80 56	62 37	55 35	64 28	70 34	73 44	71 58	72 52	65 42	79 33	86 52	79 59	73 54	83 61	86 59	77 62	70 48	71 52	78 44	66 53	6 9 5 3	83 59	70 53	66 49	70.8 46.1
CHARLESTON 1 MAI			46 29	72 40	67 26	51 30	70 44	74 48	80 45	48 34	56 28	65 32	72 40	73 56	72 50	73 42	65 32	78 42	87 52	78 54	78 56	85 55	88 57	78 46	71 51	74 40	80 51	67 52	71 53	85 53	72 51	70.7 43.7
CORTON MAI			69 23	66 40	52 25	68 32	70 50	79 45	68 42	55 34	63	71 31	73 36	73 59	72 49	69 42	77 28	85 39	69 47	63 52	75 54	78 52	76 53	76 44	72 49	80 35	79 46	69 51	85 51	82 51	67 46	70.9 41.6
OUNLOW 5 E MA			70 36	73 43	52 25	75 38	73 53	80 56	74 39	54 28	66 30	72 35	6 9 5 3	68 57	73 53	66 41	79 39	87 56	82 56	78 55	86 56	8 59	83 59	76 49	73 51	78 45	76 53	75 50	84 59	74 50	70 45	73.4
HAMLIN MA	N 1.		48 26	68 36	26	52 28	72 43	73 44	81 44	48 30	56 24	64 28	72 36		71 46	72 38	66 28	78 38	85 46	75 49	74 54	84 52	87 55	77 43	69 52	72 37	78 47	67 52	74 50	83 49	70 47	70.1 40.0
HOGSETT GALLIPOLIS DAM MA			47 19	69 35	62 25	49 24	68 33	67 47	78 46	52 34	55 26	63 27	71 33	70 41	66 49	77 42	60 31	76 33	85 43	73 53	66 53	8 I 5 4	85 54	78 44	74 44	70 44	70 44	70 50	74 52	82 54	68 52	68.4
HUNTINGTON FEO BLDG MA			70 36	68 36	52 29	71 38	72 59	79 56	56 37	55 34	62 31	71 36	68 47	65 55	71	64 44	79 38	86 58	73 59	72 53	83 61	86 59	78 60	70 49	75 54	8 I 49	69 54	76 55	84	68	65 49	70.6 47.0
HUNTINGTON WB AIRPORT MA			70 34 .	68 34	48 26	70 34	71 57	77 55	57 36	54 32	63	70 34	67 49	56	72 53	64 42	78 33	84 61	72 56	69 52	82 59	86 59	76 58	68 48	71 52	77 46	69 53	76 54	84 61	70 54	65 50	69.7 46.3
LOGAN MA	N 2		50 27	75 45	73 32	57 35	76 55	75 53	82 48	48 34	48	66 30	75 41	69 54	72 51	73 45	67 32	80 35	88 45	76 53	81 54	88 55	89 56	78 50	74 51	76 44	82 55	65 53	74 54		73 49	72.1
LONOON LOCKS	X 4	5	47 23	72 31	70 30	55 30	65 32	69 50	80 47	47 36	42 30	45 30	31	71	73 51	72 45	62 35	77 36	86 46	77 55	77 55	84 56	88 55	75 53	73 48	73 48	82 49	66 54	66 54	83 54	70 51	68.7

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Continued									ע	AI	LI	1.	CI <sub>A</sub>	IPE	in.	A.1															APF	RIL	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MAOISON	MAX	45	50	74	70	59 31	74	74	80	48	58	66	74	71	73	73	66	79 34	87	77	79	85	88	77	72 50	74	82	67	73	85	72	-	71.7
PCINT PLEASANT 5 NNE	MIN	47	23 66 21	45 64 40	48	68	68	75	46 64 40	54 32	62	68	71	67	50 72 50	71 41	77 30	85 45	81 56	51 66 53	54 80 59	53 83 55	82 62	48 76 41	71 41	75	43 75 50	52 73 51	52 82 51	52 69 54	66 50		70.2
RAVENSWOOD DAM 22	MIN MAX MIN	47	65	64	48	68 35	68	72	69	54 34	62	72 32	70 39	70	73	71	75 31	84	84 52	85 56	80 56	82 55	82	76 42	72	76	69 54	69	80	80	67 53		71.1 43.7
RIPLEY	MAX	47	66	64	50	69 30	69	76 45	64	57 32	63	70 30	73 38	69	74 49	69	77	85 39	79 50	67	81 57	85 54	84	76 41	73 52	79 38	79 46	70 52	82	75 52	70 52		71.4
SPENCER	MAX	43	66	63	48	68 32	67 52	75 50	62	54 32	61	68	72 43	68	71 47	70 41	75 28	84	82 58	69 50	81 59	85 54	84 59	75 41	70 51	75 43	75 52	67	82	81 54	77 50		70.6 43.5
WAYNE 2	MAX			30		-	-		-,	-			.,						20		-,	,				1,3		,,,	76	34	,,,		43.5
WILLIAMSON	MAX	54	59 35	75 41	73	59 35	78 53	76 50	82	48 34	59 27	68	77 42	68 53	70 52	75 44	68	82	90 51	66 54	82 57	8 7 5 4	88	77 51	76 54	78 41	85 51	67 53	76 52	85 53	75 49		73.4 45.3
WINFIELO LOCKS	MAX	45	46	70 38	63	50 25	61	60	78	47 35	55	62	70 34	71	68	72 43	69 35	77 35	84	75 53	70 54	82	81	78 44	69	72	77 42	68	72 50	83 54	70 52		68.2
CENTRAL 04	11214		-	-	- '																									,	,.		1111
ARBOVALE 2	MAX M1N	37	50 16	50 41	55	55 21	50 25	70 35	69 36	45	57 21	63 22	62 22	55 47	62	62 32	62	78 29	75 38	70 50	78 48	80	68	71 37	67 45	68	53 38	52 42	74 49	66 50	61		62.2 35.0
BAYARO	MAX	33	49	57 33	43	56 19	53	70	66	45	55	61	68	62	68	63	60	77	76 42	68	74 48	70 45	71	70 43	65	62	61	69	75	61	51		62.0
BECKLEY V A HOSPITAL	MAX	42	67	65 48	55	58 37	65	77	71 37	51	62	69	65	63	66	64	73	83	76 54	77	80	83	75 53	71 43	70 43	73 38	65 45	57	79	73 49	68		68.1 39.6
BECKLEY WB AP	MAX	41	66	64	52	54 38	62	73 51	63	49	58	66	60	66	66	57 39	70 38	79 52	71 52	74	78 54	81	70 54	69	68	70	52	56 45	79	65	65 45		64.8
BIRCH RIVER 6 55W	MAX	37	61	58 40	47	65 21	64	75 45	57 36	50	58	65 21	68	67	68	72 30	72	81 37	74	58	60	59 38	60	60	65 32	72	60	58 32	60	60 55	61	ŀ	62.4
BRANOONVILLE	MAX	30	35	60	53	49	59	55	68	41	47	56 29	70 32	71	64	69 45	58	66	80 53	75 55	65 53	69	67	69	67 45	60	65 38	66	58	76 52	55 42		60.8
BUCKEYE	MAX	37 15	55 15	63	62	57 21	52 37	73	73 41	50	59	66 26	65 27	59	69	66	67	81 30	79 33	72	79 53	82 45	78 51	74 36	70	71	67	57 44	76	75 47	70 48		66.8
CANAAN VALLEY	MIN	32	46	52 33	42	52 20	58	70	65 32	41	52	62 25	64	56 48	65	58 37	57	75 42	74 45	62	72 50	76 50	68	67 43	63	61 26	57 29	55 45	72	62	62		59.9 35.8
ELKINS WB AIRPORT	MIN	36	57 17	61	48	65 21	60	74	54 31	49	59	65 26	68	64	69 48	58 31	65	80	75 47	66	77 51	82 53	70	71 40	65	72 31	64 38	60	79 52	67	60		64.7 37.6
FLAT TOP	MIN	34	38	62	60	50	51 33	57	70 47	47 25	45	54 26	62	58	58 48	63	56 28	63	75 46	69	71 51	73 54	77	67	65 45	63	63	46	54	73 47	62		59.5 37.1
HCPEMONT	MIN	24	46	54	50	54 26	52 40	66	62	54	60	60	64	60	64	60	63	76 40	73 45	70	70	65	67	63	60	60	58 24	67	70	66	50		60.3
MC ROSS	MIN MAX MIN	40	60	63	58	57	57	75 42	74 37	49	60	68	66	61	67	66	72 25	81	85 45	75	80	83	81	70 41	69	73 35	72	54	77	78 47	68 46		68.0
OAK HILL	MAX	41	46	68	67	56 27	61	64	78 45	46	51	61 28	70 32	64	69	69	59 30	75 37	84	74 49	78 52	82 54	84	74 46	72	71	79	57	61	82	70 47		67.1 39.9
PARSONS 1 SE	MAX	39	46	61	49	62	64	74 38	52 39	49	58	66	70 35	66	70	66	63	81	79 43	70	78 51	83	74 48	72	71 45	73	65 45	60	80	65	58		65.5
PICKENS 1	MAX	35 16	52 18	55 35	47	63	60	70 46	58 33	45	55	64 26	65 37	63	65	55 38	64	76 38	73	63	75 50	80 50	68	65 37	62	70	62	58 48	75 53	70 48	63		62.5 38.1
RICHWOOD	MAX	40	58 23	59 43	54	57	59 43	74	73 37	53	56	67	64	63	67 51	64	70 25	80	78 45	73	78 50	81	70 55	64	59 43	67	61	50 45	70	68	69		64.9
ROWLESBURG 1	MAX MIN	38	41	62	47	67	56 43	72		51 31	58		72 34	66	68		63	82	79 45	65	76 52	75 50		71 48	68 45	70 35	70 38	66	80	68	58		65.1
SPRUCE KNOB	MAX MIN	27	35 17	52 32	56 18	45 27	51 38	55 45	64	48	45	54 28	64	60	54	64	52 32	64	75 56	72	62	73 51	61	64	67	51	60	67	65	73 50	52 39		57.7 38.9
WEBSTER SPRINGS 1 E	MAX	42	61	62	54	66	66	70	74	53	62	.72	71	74	71 53	68	74 25	85	82 40	70	84	86 53	82 50	72 41	71 47	79	75 46	75 52	85		72		71.3
SOUTHERN OS			,,,	,	-							-						,,,	, ,		••	,,		**	7.	70		-	, ,,	,	,,		10,1
ATHENS CONCORO COLLEGE	MAX MIN	42	64 16	65 36	63	54 28	57 40	72 38	72 40	48 28	58 27	66 30	64 46	66 48	66 52	65 41	70 30	77 36	75 40	74 46	77 53	80 55	79 51	71 48	67 48	70 47	68 46	55 42	76 51	76 52	75 51		67.1
BLUEFIELO FAA AIRPORT	MAX	43	65	62	49	55 36	60	70	58	46	57	66	59 51	60	65	56	69	77	73 53	77	76 56	80 57	69	69 50	68	66		57 45	77 56	65	65		63.6
BLUESTONE DAM	MÁX	44	45 25	65 33	69	57 32	58 42	61	77	52 33	54	62	70 33	65	68 52	70 42	61	73 33	83 41	77	78 53	81 52	84	70 48	74 48	72 43	71 44	56 46	60	80	71 50		66.9
GARY	MIN	46	49	71 27	70	57 34	70	69	77	52 33	52	62	71 37	65	70 50	71	63	76 35	84	75 50	81 54	83	85 53	75 48	75	72	75 46	61	67	83 48	69 47		69.2
KOPPERSTON	MAX	47 22	67	67	68	57 40	69 47	77	74 41	53	62	69	65	72	69 48	62	75	83	78 50	178 50	82 45	84 52	78 58	74 47	71	78 43	73 50	65	82 50	75 50			70.6 42.7
LEWISBURG 2 55W	MIN MAX MIN	42	62	65 42	56 22	54 28	57 27	75 46	73 41	50	60	65 29	65	61 50	67 50	66	69	81 40	76 55	75 49	79 53	82 52	77	76 42	70 46	69	65 45	56 45	77 50	76 50	70 50		67.2 39.9
PINEVILLE	MAX	45	50	71 30	70	61	70 43	70	78 46	51 33	55 25	63 25	72	67	71 51	71	64	77 29	85 36	74 46	81 52	82 49	86	75 48	74 50	75 43	78 43	60	68	84 50	70 49		69.9
UNION	MAX	42	43	63	65	54 30	53 39	60	74 52	68	67	62	66	63	62	68	61 27	70 37	80 47	74 48	77 50	79 51	81	73 45	72 45	70	66	51	57 47		71 49		65.5 39.6
WHITE SULPHUR SPRINGS	MIN	18 45 20	64	65	58	55	58	75 43	75 43	53 30	62	69	69	61	69 53	68	72	83 34	81	78	82 54	84	76 47	73 42	72	42 69	65	55	80	78	73		68.9
	MIN	20	21	42	24	32	37	43	43	30	22	21	35	31	23	42	26	34	46	48	74	49	47	72	44	38	45	45	51	48	91		37.5
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WEST VERGINIA APRIL 1964

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Station				,								,,			-	Day	OI M	onth														
		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
NDRTHEASTERN 06																	-			-	_								1		1	1
BERXELEY SPRINGS	MAX MIN	42 26	39 17			56 18	52 38		59			63	69	65	12	65	67	85 36	83		55			72 42			63	56 41		60	47 42	
FRANKLIN 2 NE	MAX M1N		51 20		50 23		52 41		69 41	32 21		66 27	65 31	63	70 49	60	65	83	80	73	70 52	65	75	74	70		62		7 8	73	55	
HARPERS FERRY NAT MON	MAX M1N	28	42 25	70 25	58 25	56 25	56 37	61 42	61	36 35		65 31	71 44	69 52	70 54	70 49		8 9 4 6	88 45	86	75 48	59 40	57 42	72 45	72 44	70 36	64	64	64	62	50 42	
KEARNEYSVILLE 1 NW	MAX MIN	37 26	42 21	60 34	70 24	48 22	56 37		63 51	55 34	53 32	63 35	62 42	69 52	60 94	70 53	66 30	65 47	85 54	85 57		53 42		59 43	69	69 34	58 40	63	57 46		48 42	
EYSER	MAX MIN	61	47 32	50 28	76 33	67 35	68 41	59 32		61 36				65 40	61 41	60 38	63 40	69 51	73 52			70 34	63 36	52 32				66 41	75	70 43	73 50	
MARTINSBURG FAA AP	MAX MIN	42	39 20	70 32	49 25	59 23	46 37	61 40	56 38	54 35	64 33	63 36	71 35	60 52	73 54	66 43	66 31	8 5 4 2	84 94	69 54	55 47	47	61 43	71, 45	70	59 35	65 40	58 39	65 54		48 42	
ATHIA5	MAX M1N	20	18	67 40	19	55 19	53 39	70 41	66 42	30 31	62 24	64 27	68 34		71 52	64 47	63 25	84 38	81 46		75 91	58 43	71 44	76 50	69		61 41	96 46	76 51	61 46		
DOREFIELD MCNEILL	MAX MIN	12	16	66 31	21	60 18	57 42	74 40		63 21	63	68 25	73 28	69 45		71 43	67 23	86 33	86 39	77 49	66 90	58 45	67 44	77 41	75 42	69 29	67 32	65	77 49	70 48		
₩P5	MAX MIN	25	30		27	20	32	37	95	32	30				51	52	29	42	55	61	52	42	41	45	46	31	38	42	46	46	41	
ETERSBURG	MAX M1N	23	19	70 39	50 24	55	54 43	75 40	75 46	53 34	63	67 28	70 32	65 43		69 48	66 26	85 38	84 47	77 55	68 95	59 45	68 45		71 46		69 35	62 51	78 50	69 49		
IEDMONT	MAX M1N	30 21		30	50	48 24	56 34			46 30	50 32	60 34	66 42		64 92	70 48	60 36	71 44	82 60	83 61		58 42.	48 41		72 48	65 40	62 43	66	56 50	63 50	50 44	
DMNEY 3 NNE	MAX MIN	21		67 31		61 18	58 40			54 34	63 24	24	71 30			70 46	66 25	86 35	84	77 58	53	54	66 45	74 48	74 40	66 31		62	73 51	60 48		1
ARDENSVILLE R M FARM	MAX	36	41 19	64 25	68 23		58 24	51 38		56 35			65 31	70 40	62 51	74 48	63 27	64 41	85 43	83 56		63	48 44		77 46	70 32		64		74 90		6

# **EVAPORATION AND WIND**

Station																Day	Oi M	onth														, c
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Total or Avg.
NDRTH CENTRAL 02																													•			
CLARKSBURG 1	EVAP W1ND		41	142		•08 56			.01 185	183	•10 73	•11 40	•08 72	.08 82	·17	.16 141	.09 40		.05 98			.12 66	.17 107	.08 43	.18			.02 57			·11	3,29B 2363
SUTTON RESERVOIR	EVAP		-	=	-	:	-	:	:	-	-	:	-	:	-	- 56						.22 164							.04		•23 67	-
SDUTHERN 05																																
BLUESTONE DAM	EVAP WIND MAX MIN	- 47 32	.03 43 56 31	51 58	.07 81 67 38	45 59	47 59	29	73	.13 76 56 36	63	50 66	38 73	56	63	.13 49 68 46	.13 58 65 38	36 74	51 80	46 70	35 72	49 77	65 82	70	35 71	38 76		40 56	.02 34 56 52	60 80	53	3.558 1461B 66.7 43.8
NORTHEASTERN 06																																
WARDENSVILLE R M FARM	EVAP		36	58	. 24 125	.10 32	.14 59	.02 39	•06 40	151	.16 87	.17 58	·15	.16	.02 47	·10	•15 62	.12 26	•30 79	.18	-14	.09 80	.05 39				•17 43				.04 60	3.82B 1744

# SUPPLEMENTAL DATA

	Wind	direction		Wind m. j	speed p. h.		Relati		idity ave	rages		Numh	per of da	ys with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7,00 AM EST	1:00 PM EST	7,00 PM EST	Trace	60'-10'	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to si
BECKLEY WB AIRPORT	16	9	11.8	35++	26	15	72	79	53	56	10	5	5	3	0	0	23	_	7.5
CHARLESTON WB AIRPORT	23	9	7.5	30++	22	2	63	76	48	50	6	5	10	1	0	0	22	-	7.1
ELKINS WB AIRPORT	16	9	8.1	35++	32	20	80	83	53	61	3	7	8	4	0	0	22	-	7.6
HUNTINGTON WB AIRPORT	18	7	7.8	25++	19	28+	70	78	55	55	3	5	10	1	0	0	19	-	7.2
PARKERSBURG W8 CITY	-	-	8.0	32	NW	20	-	-	-	-	5	6	3	6	1	0	21	50	-

DIRECTIONS ENTERED IN FIGURES ARE TENS OF DEGREES.

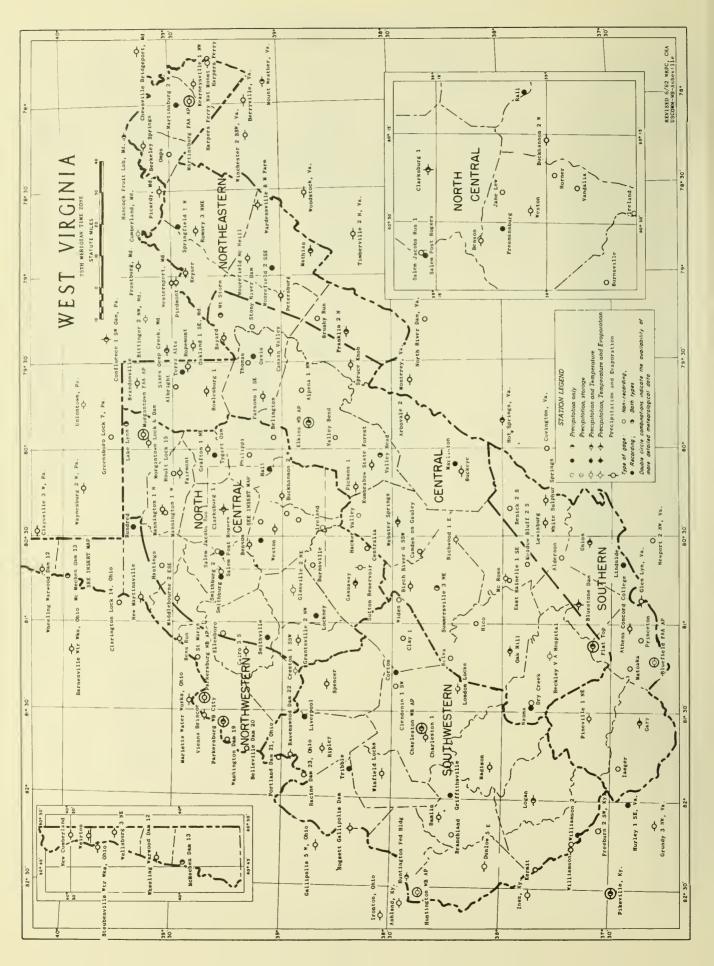
Q1. (1												-			Day	of m	onth												_		RIL 1	304
Station		1	2	3	4	5	6 7	7 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2 2	3	24	25	26	27	28	29	30	31
NORTHWESTERN 01											_				_		-						+		+		_	_				
CRESTON 1 SSW	SNOWFALL SN ON GNE											į	i			i						1			-							
NEW MARTINSVILLE	SNOWFALL SN ON GNE	т						Т				1										1			į							
PARKERSBURG FAA AP	SNOWFALL SN ON GNO	),	Т					Т	Т																	!						
PARKERSBURG WB CITY	SNOWFALL SN ON GNO	) T						Т	T																							
WEIRTON	SNOWFALL SN ON GNO	)							T																							
WHEELING WARWOOD OM 12	SNOWFALL SN ON GND	Т							T																							
NORTH CENTRAL 02																																
BURNSVILLE	SNOWFALL SN ON GND	1.0	Т																													
SLENVILLE	SNOWFALL SN ON GND																															
MAMNINGTON 1 N	SNOWFALL	3.0 T							Т																							
ORGANICWN FAA AIRPORT	SNOWFALL SN ON GND	T 1	Т	T				T	T																							
SOUTHWESTERN 03																																
HARLESTON WB AP	SNOWFALL SN ON GNO WTR EOUIV							Т	Т																							
LAY 1	SNOWFALL SN ON GND	1.0																														
CENTRAL 04																																
RBOVALE 2	SNOWFALL SN ON GND	3.0							T T																							
AYARO	SNOWFALL SN ON GNO	4.0	3						0.5																							
AMOEN ON GAULEY	SNOWFALL SN ON GND	3.0	2						1.0 T																							
LKINS WB AIRPORT	SNOWFALL SN ON GNO WTR EOUIV	3	Т	т	T T			Т	0.4 T																	1						
LAT TOP	SNOWFALL SN ON GND		2																													
C R055	SNOWFALL SN ON GND	2.0							Т																							
AK HILL	SNOWFALL SN ON GND	0.5																					1									
DWLESBURG 1	SNOWFALL	3.0	Т						T T											1												
PRUCE KNOB	SNOWFALL SN ON GND	6.0	4						1.0																							
SOUTHERN 05																																
LUEFIELO FAA AIRPORT	SNOWFALL SN ON GND							Т	T																							
INEVILLE	SNOWFALL SN ON GND	T																														
NORTHEASTERN 06																																
RUSHY RUN	SNOWFALL SN ON GND	T							T																							
ARTINSBURG FAA AP	SNOWFALL SN ON GNO	T 1							Ţ																							
ATHIAS	SNOWFALL SN ON GND	2.0 T																														
OOREFIELO MCNEILL	SNOWFALL SN ON GND	Т																														
IEOMONT	SNOWFALL SN ON GNO	2.0																														

	C NO.		IGE :	THUDE	TUDE	NOIT.	T	ERVA ME A	ND	ODCEDUED		NO.		TOPE	TODE			TAVE 1A GE SELIGA	(D)	
STATION	DADEX	COUNTY	DRAINAGE	ELA1	LONGITUD	EEVATION	TENO	PRECIP.	SPECIAL	OBSERVER	STATION	INDEX	COUNTY	DRAINAGE	LONGITUDE	EEVATION	TDG:	NA.	SPECIAL	OBSERVER
ALBRIDHT ALDERSON ALPENA 1 HM ARBOVALE 2 ATHEMS CONCORD COLLEDE RATARO DECKLEY V A HOSPITAL BICKLIY WR AP RELINSTON BELLEVILLE DAM 20	D102 0143 0249 0339 0527 0580 0582 0833	PRESTOM HUMROE RAMDOLPH PDCAHOMTAS MERCER DRAMT RALEIGH RALEIGH BARBOUR HOOD	7 7 10	39 29 37 44 38 55 38 26 37 25 39 16 37 47 37 47 39 02 39 09	79 38 80 18 79 40 79 49 81 G1 79 22 81 11 81 07 79 36 81 42	1219 1353 3020 273 2600 2375 235 2504 1679 600	MID	7A 7A 7A 8A 3P 7A 8A HID 7A	н н	MONONGAHELA POWER CO.  RASSIE L. SIMS  OMER S. SMITH  MR3. NEITIE N. SHEETS COMCORD COLLEGE  HUMARD R. EULK  V. A. HOSPITAL  U. S. WLAIHER RUPEAU  CORPS OF ENGINEERS	MARLINTON MARTIM-SURG FAA AP MARTIM-SURG FAA AP MARTIM-SURG FA MATORRA MC MECHEN DAN 13 MC ROSS MIDDLEBOUNDE 2 FSE MODREFIELD 2 3SE MODREFIELD WCHEILL	5707 5712 5719 5747 5847 5871 5961	POCARDMTA S BERRELEY BERRELEY HARDY MERCER MARSHALL GREENDRIER TYLER HARDY HARDY	7 38 13 9 39 74 9 39 78 9 18 52 7 37 75 8 39 59 4 37 59 9 39 29 9 39 02 9 39 09	80 D5 77 59 FR OG 78 52 81 L5 80 44 80 45 80 57 78 58 78 54	7150 537 535 1625 7580 655 757 83 800	4P 7P	1D 0A 6P 1A 7A 4P 7P	E H E H	CETEL A. CUPRE FED. AVIATION AGENTY FED. AVIATION ROOREL G. FEISHELL VINGIE L. MATHIAS RAY B. INSMPSOM COMPS OF ENGINEER RUSSELL D. AMICE JOHN W. CRUMEIN MRS. FELLA M. VETTER MRS. JOHN W. CAVILLE MRS. JOHN W. CAVILLE
BELVA BENSON REMS RUM 1 SSE RERKELEY SPRINOS BIRCH RIVER 6 SSW RLUEFIELD EAA AIRPORT RLUESTONE DAM BRANCHLAND BRANCHULAND BRANCHUNHULE BRUSHY RUN	0679 0681 0710 0844 0921 0939 1075	MICHOLAS HARRISOM IYLER HORGAM NICHOLAS MERCER SUMMERS LINCOLM PRESION PEMOLETON	10 8 9 4 7 7 7 9 2	38 14 39 09 39 28 39 37 36 25 37 18 37 39 38 13 39 40 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 64 1885 2805 1388 600 1798 1375	6P 6P MID 8A		H H	RAYMOND E. PHILLIPS CLARK SDURG WAIER BOARD ROBERT N. MALL H. M. RUPPEMTIAL. III SOUTHEASTERM OAS CO. FED. AVIATION AGENCY CORPS DE ENGIMERS BERYL L. WIMTERS VERL L. GALLDWAY JOHM B. SMRLVE	MURGANTOWN EAR AIMPURT MORGANTOWN L AND D MOUMDSYBLE MT STORM NAOMA NEW CUMBERLAMD MEW MARTIMSVILLE OAK HILL OMPS PARKERSBURG FAR AP	6212 6248 6293 6362 6467 6591	MOMONGALIA MOMONGALIA MARTHALL ORANI RALEIGH HARCOCK WETZEL FAYETTE MORGAN WOOD	6 39 38 6 39 37 8 39 54 9 39 17 4 37 52 8 39 39 7 37 56 9 39 30 8 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	825 621 2845 1210 750 637 1991	5P 6P 8P 7A	7A 5P 8A 6P 6P 7A 7A	H K M	PED. AVIATION AGENCY CUMPD UP INGINETHS MOUNDOWLLE STAND IN MASS CILLEM MIMMICF VIRGIL G. WIND MILLIAM B. MURRAY DR. Z. M. AMPROM MILES M. MARIJN MRS. E. M. HOVERMALE U. J. MCATHER BURRAY
BUCKEYE BUCKHANNON 2 W BURKSYLLLE CAIRD 3 3 CAMDEM DM GAULEY CANAAM VALLEY CENTRALIA 2 MWW CHARLESTON WB AP CHARLESTON I CLARKSBUNG 1	1282 1328 1363 1393 1526 1570 1575	POCAHOMTAS UPSHUR GRAXTON RICHLE WEBSTER TUCKER BRAXTOM KANAWHA KANAWHA HARRISON	10 5 4 2 4 4 4	38 11 39 00 38 52 39 10 36 22 39 03 36 38 36 22 36 21 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	600	6P MED 9A	7A 6P 7A 6P 7A 6P 7A HID 9A MID MI	н н	MISS ILEAM WALTOM OR® ARIMUR BE GOULD JOHN WE BROWN EUREXA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON JAMES WE LIMGER U.S. WEATHER BUREAU WE VA. WALEN SVC. CO.	PPARKERSBURG WD CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKEMS I PICOMONI PIMEVILLE POINT PLEASANT 5 MNE PRIMETED RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7029 7112 7207	WOOD TUCKER GRANI BARBOUR RANDOLPH MINERAL WYOMING MASON MERCLR JACKSOM	8 39 16 2 39 06 9 39 00 10 39 09 10 38 40 9 39 29 3 37 35 8 38 35 7 37 22 8 38 37	81 34 79 40 79 07 80 02 80 13 79 02 81 32 87 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410 584	6P 7P 8A 7A 5P	1D 3P 7A 7A 7A 8A 7A 3P 7A	н	U.S. WEATHER BURFAU FERNOW TXP. CONEST MPS. BLSS S. MONI. MPS. MAXINE LEACH MRS. MAXINE LEACH MRS. MILL B. ARM/FROMG F. A. SULIN. JR. JAMES G. MC DERNIII UNIVERSITY DE M. VA. M. VA. MAIER SVC. CO. CORPS OF EMSILVE.
CLAY 1 CLERDEMIN 1 SW CORTON CRESTOM 1 SSW DAVIS DAVIS DRY CREEK DUMLOW 5 E ELELEMBORO FAIRMONT	1723 195 205 2209 2462 2520 2718 2746	CLAY KANAWHA KAKAMHA WIRT TUCKER RALEIGH WAYNE RANDOLPH RITCHIE HARION	8	36 27 38 29 38 29 38 56 39 08 37 52 38 02 38 53 39 16 39 28	81 05 81 22 81 16 81 17 79 28 81 28 82 20 79 51 81 04 80 08	809	7A	7.A	C H S	MRS. SARAN B. FRANKFORI KATHERINE M. RADER HOPE NATURAL GAS CO. SEWARD R. LYMCM MRS. MARY L. DUMAS NRS. RUTH E. JARRELL KELLY BROWNING U. S. WEATMER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT	RENICK 2 S RICHWOOD RIPLEY ROMMEY 3 HME ROMLESBURG 1 ST HARYS SHITHBURG SHITHBURG SHOOT SPENCER	7503 7552 7730 7785 7875 8274 8286 8295	GREENDRIER HICHOLAS JACKSON MAMPSHIRE PRESTOM PLEASANTS DODORIDGE RITCHIE GREEMBRIER RDANE	7 37 58 4 38 13 8 38 49 9 39 23 2 39 21 8 39 23 8 39 17 5 99 04 4 37 53 38 48	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 80 40 81 21	1900 2300 610 640 1375 650 795 840 2450 964	6P 5P 5P 7P	8A 6P 5P 7A 7A 5P	н	MRS. HARY V. MC FERRIN DAYION C MEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN H. INGRAN HOPE MATURAL GAS CD. HOPE NATURAL GAS CD. JOHN P JOMES W. VA. WATER SVC. CO.
FLAT TOP FRANKLIM 2 ME FREEMANSBURG GARY GASSAWAY GLENVILLE GRAFTOM 1 ME GRAMTSVILLE 2 MM GRIFFITHSVILLE MACKER VALLEY	3219 3238 3393 3361 3544 3630 3648 3749	MERCER PEMOLETON LEWIS HC DOWELL BRAXTOR GILHER TAYLOR CALHOUM LIMCOLM WEBSTER	6.14.5	37 35 38 40 39 96 37 22 38 40 38 56 39 21 38 56 38 14 38 39	81 07 79 19 80 31 81 33 80 46 80 50 80 00 81 06 81 59 80 23	3229 1900 1030 1426 840 727 1230 730 950 1501	6P 8A 6P 7A 5P 8A	7A 7A 8A 6P 7A 3P 8A	T T T	FRED E. BOWLING GEORGE O. MANMER GEORGE O. MANMER GUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE EARL R. CORROTHERS HOPE MATURAL GAS CD. ROBIN B. MOORE MISS. ELEA H. CARTER	SPRUCE KNOB STONY RIVER DAM STONY RIVER DAM SUMMER SYSTLLE -SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGAR7 DAM UMION VALLEY BEMD	8536 8662 8782 8807 8924 8986 9011	PEMDLETOM GRAMT NICHOLAS BRAXTON PRESTOM TUCKER MASON TAYLOR MONROE RANDOLPH	9 38 41 9 39 08 4 38 17 4 38 39 2 39 27 2 39 09 4 38 41 10 39 19 7 37 36 10 38 46	79 31 79 18 80 50 80 41 79 33 79 30 81 50 80 02 80 32 79 56	3010 3400 1930 835 2587 3010 630 1200 1975 2010	7A	8A 7A 7A 7A 7A	N C C C C C C C C C C C C C C C C C C C	HARRY J. GORDOM FRED C. BECKER CMARLES F. GUM CORPS DF ENGINEERS CHARLES E. IREHBLY MRS. MARGARET PERKINS MISS MORMA RUTH CASTO CORPS DF EMGIMEERS MRS. THELMA SPAMGLER MRS VIOLET L. SWECKER
MALLIN MARPERS FERRY MARPERS FERRY MAT MON MASTINGS NICO MOSSETT GALLIPOLIS DAM MOPENDNT HORNER MOULT LOCK 15	3846 3927 3932 3974 4128 4200 4264 4281	BARBOUR LIMCOLN JEFFERSOM WETZEL FAYETTE MASON PRESTOM LEWIS MARION	3 9 9 8 7 11 6	39 03 38 17 39 19 39 19 39 33 38 07 38 41 39 26 38 59 39 30	80 07 82 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 878	5P 7A 5P	8A 7A 5P 3P 7A 7A 4P	C 7A	HRS.OPAL R. JACKSDN w. VA. MATER SVC. CO. HISS ELEANOR J. WHITE HATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILORED E CRIST CORPS OF EMGIMEERS HRS. MARRIET SHARPS CLARKSBURG WATER BOAPD CORPS OF EMGIMEERS	VALLEY MEAD VANDALIA WARDENSVILLE R M FARM WASHIMGIOM DAM 19 WAYME 2 WEBSTER SPRINGS 1 E WEIRTOM WELLSBUPG 3 ME WESTON WEST UMIOM	9104 9281 9309 9323 9333 9345 9365	RAMDOLPH LEWIS HARDY WOOD WAYME WEBSTER HANCOCK BROOKE LEWIS DOODRIDGE	10 38 33 6 38 56 9 39 06 8 39 15 7 38 13 4 38 29 8 40 24 8 40 18 6 39 02 5 39 16	80 02 80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 47	2425 1120 960 600 600 1540 1040 668 1026	8A 3P 6P 6P 7A	7A 6P 8A 9. 7A 6P 6P 7A 6P	C A C H	KEMT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA. COPPS OF ENGINEERS CITY WATER PLAMT THOMAS W. MODRE C. F. STE75DN MISS DORIS J. PFISTER J. ARTNUR MENRY, JR. EARNEST F. SMITM
MUMDRED #HUNTINGTON FED BLDG #HUNTINGTON WB AIRPORT IAEGER IRELAMD JAME LEW KEARNEYSVILLE 1 MW KERNIT KEYSER KOPPERSTON	4388 4393 4408 4476 4359 4763 4811 4831	WETZEL CABELL CABELL MC DOWELL LEWIS LEWIS JEFFEPSON MIMGD MINERAL WYONING	8 8 1 6 6 9 1	39 41 36 25 38 22 37 28 36 49 39 06 39 23 37 50 39 26 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 76 59 81 34	1034 565 828 1084 1142 1020 550 625 930 1450	5P	MID MID 7A 5P 4P 8A 7A 5P 6P	K 2	MFGRS, LT. + HT. CD. CORPS OF EMGIMEERS U.S. MEATHER BUREAU MRS RUTH L.SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD U.S. MEASTER BOARD OF BOWER POTOMAC STATE COLLEGE HOPE MATURAL GAS CO.	WHEELING WARWOOD OM 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LDCKS	9522 9554 9605 9610	OMIO GREENBRIER CLAY MIMGO MIMGO MIMGO PUTRAN	8 40 06 7 37 48 4 38 28 1 37 40 1 37 40 4 38 32	80 42 80 18 80 52 82 17 82 17 81 55	659 1914 1143 673 659 571	5P 8A	7A 7A 8A 8A 7A 7A	н	CORPS OF EMGINEERS JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTEPM RY. MPS. MILMA E. ROBERTS CORPS OF EMGIMEERS
LAKE LYNN LEWISBURG 2 SSW LINDSIDE LIVERPDOL LOCKNEY LOGAN LONDON LOCKS MADISOM MANNINGTON 1 M HAMMINGTON 1 W	522 528 5323 5341 5353 5365 5563 5621	MONONGALIA GREENGRIER MONROE JACKSON GILMER LDGAM KARAWHA BOOME MARIDM HARIDN	7 7 6 5 3 4 6	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 80 26 80 40 61 32 80 58 82 00 81 22 81 49 80 21	900 21 85 2000 665 720 664 623 675 975 995	8A 7A 8A	7A 5P 8A 7A 8A 6P 7A	N N N N N N N N N N N N N N N N N N N	WEST PEHM POWEP CO- RADID STATION WPON LOUIS SE CANTIBERRY BROOKS E UTT HOPE NATURAL GAS CO- COY E MARSHALL CORPS OF FNGINEEPS J. E. CURRY JAMES N. MORGAN ORA G. FROST										

† 1 - HIG SANDY; 2 - CHEAT; 3 - GUYANDOT; 4 - KANAFHA; 5 - LITTLE KANAFHA; 6 - WONONGAHELA; 7 - NE#; 6 - OBID; 9 - POTOWAC; 10 - TYGART; 11 - YOUGHIGGHEMY

USCOMM-WB-Ashev111e, N. C. - 6/12/64 - 725

SEE REFERENCE NOTES PAGE 46



# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

MAY 1964 Volume 72 No. 5



JIII 20 1964

ASHEVILLE: 1964

#### WEST VIRGINIA - MAY 1964

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 23+ at Williamson

Lowest Temperature: 25° on the 29th at Canaan Valley

Greatest Total Precipitation: 4.02 inches at Athen Concord College

Least Total Precipitation: 0.42 inch at Arbovale 2 and at Harpers Ferry Nat Mon

Greatest One-Day Precipitation: 1.40 inches on the 25th at Corton

#### SPECIAL WEATHER SUMMARY

On a statewide basis, this has probably been the driest May since records began. Charleston's .95-inch total is the least recorded since the beginning of record in 1885. For nearby Huntington this was the driest May since 1939, but only the fourth driest May since their record began. Elkins and Morgantown also had to go back 25 years to 1939 for a drier May. Parkersburg, under slightly different climatic controls, had a drier May only last year, 1963, and also one in 1888.

Soil moisture, although short at the end of the month in most areas of the State, was not considered critical.

Temperature-wise, a cold snap near the end of the month caused some frost damage in the mountains and gave Elkins a new record low of 32° F. for May 29.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

				Ter	nper	ature							T		-		Preci	pitation		_			
								1		N	o. of I	)oyo		1				Sno	w. Sleet		No	. of I	Doye
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mo or Vipore		Min.	-	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN 01											+	+	+				-						
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNDSVILLE NEW CUMBERLANO	77.5 80.9 M 80.4 78.3	47.2 47.5 M 49.4 49.4	62.4 64.2 M 64.9 63.9	- 1.3 1.3	90	20 19 20• 19	36 37	29 29+ 1 30+	128 74 80 97	0 1 2 1	0 0 0	0	0 0 0	1.82 1.90 1.86 2.56 1.82	= 2.61 = 2.30 = 2.24 = 1.95	.62 .56 .69 .99	25 25 25	.0 .0 .0	0 0 0 0		4 7 4 4 6	1 1 2 0	0 0 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB C1TY R WEIRTON WELLSBURG 3 NE	80.2 78.3 77.8 78.2 79.1	51.2 52.8 53.2 51.2 45.4	65.7 65.6 65.5 64.7 62.3	2.0 1.5 1.3	91 90 89	19 19 19	40 42 38	29 15• 29• 29 30•	59 66 60 81 121	2 1 1 0 1	0 0 0 0	0	0 0 0 0	1.81 1.00 1.10 2.01 2.07	- 2.53 - 2.60 - 1.86	.65 .48 .63 .54	13 13 25	.0 .0	0 0 0 0		5 2 3 6 5	1 1 1 2	0 0 0
WHEELING WARWOOD OM 12	77.0	48.9	63.0	1,5	90	20	40	29	115	1	0	0	0	1.92	- 2.02	.79	14	.0	0		3	2	0
OIVISION			64.2	1.6										1.81	<b>→ 2,25</b>			.0					
NORTH CENTRAL 02  BELINGTON BENSON RUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	76.1 80.5 77.6 77.1 76.0	44.3 46.7 47.0 48.0 51.2	60.2 63.6 62.3 62.6 63.6	1.5 1.3 1.0	90	24 23+ 22+ 23 19	33 32	30 ÷ 29 29 29 29	167 87 114 112 98	0 2 0 0 0	00000	0	0 0 0 0	1.42 1.20 1.65 1.47 1.51	- 3.18 - 2.89 - 2.52 - 2.68	.36 .35 .49 .35	13 13 13	.0	0 0 0 0		4 5 5 6 5	0 0 0 0 1	0 0 0 0
GASSAWAY GLENVILLE GRANTSVILLE Z NW MANNINGTON 1 N MIOOLEBOURNE Z ESE	79.7 79.2 80.3 79.5 77.7	48.6 46.7 48.0 45.4 48.0	64.2 63.0 64.2 62.5 62.9	- 1.3 1.3	89 91 90 90 88	20 24+ 19		1	67 99 83 112 100	0 2 2 1 0	0 0 0 0	0 0 1	0 0 0 0	1.54 1.25 1.79 2.34 1.59	= 3.10 = 2.29 = 2.78	.56 .46 .78 .65	25 25 13	.0	0 0 0		5 5 6 5	1 3 1	0 0 0
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNION	74.4 78.1 79.2 78.5	51.2 49.4 46.5 48.7	62.8 63.8 62.9 63.6	6	90	23+	35 37	29 31 30+ 29	123 101 110 86	0 0 3 0	0 0 0 0	0	0 0 0	1.25 1.39 1.39 1.73	- 2.78 - 3.27	.70 .55 .45	14	.0	0 0		3 5 3 5	1 0 1	0 0 0
OIVISION SOUTHWESTERN 03			63.0	.5										1.54	- 2.81			•0					
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	80.5 80.7 82.0 80.4 78.8	53.4 52.5 49.1 53.5 46.5	67.0 66.6 65.6 67.0 62.7	2.2	92 91 89	19 20 23 18 24+		1	54 59 56 46 118	4 3 2 0 3	00000	0	00000	.95 .87 2.03 2.04	= 2.76 = 2.83	.43 .40 1.40 .63	25 25 24	.0 .0 .0	0 0		2 2 3 5 2	0 0 1 2 0	0 0 1 0 0
MOGSETT GALLIPOLIS DAM MUNTINGTON FEO BLOG MUNTINGTON WB AIRPORT LOGAN LONDON LOCKS	79.1 80.9M 78.7 81.7 78.4	49.3 56.8M 53.2 50.5 51.7	64.2 68.9M 66.0 66.1 65.1	3.1	91 93	20 19 20 20	40 40 40 42	1	82 30 56 59 73	1 1 5 1	0 0 0 0	0	0 0 0 0 0	1.71 1.25 2.24 1.97	= 2.00 = 2.64 = 1.74	.82 .37 1.08	28 25	.0 .0 .0	0 0 0		4 3 4	0 2 2	0 1 0
MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER	79.9 80.3 80.3 82.6 79.8	49.4 51.1 51.9 50.7 50.8	64.7 65.7 66.1 66.7 65.3	2.1 2.1	89 93	23 19 20 19	39		78 59 52 45 70	2 1 0 4 0	00000	0	00000	1.82 1.78 1.82 1.98	= 1.78 = 3.08	.53 .58 .91 .75	25 25 25	.0 .0 .0	0 0 0 0		6 5 4 4 3	1 1 2 0	0 0 0
WAYNE 2 WILLIAMSON WINFIELO LOCKS	83.2	51.6 50.4	67.4 64.7	1,2		23+	42		47 76	6	0	0	0	1.77	- 2.10 - 2.40	.66 .78	29÷ 25	.0	0		4 2	2	0
OIVISION CENTRAL 04			65.9	1.4										1.56	· 2.29			•0					
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW	72.9 72.6 75.7 72.7	42.5 43.0 46.4 49.5	57.7 57.8 61.1 61.1	1.7	82 85	23 23• 19• 19	29 33	30 29 30+ 30	227 223 136 137	0000	0000	0	0000	.42 1.15 1.23 1.31	= 3.47 = 3.71 = 2.78	•34 •67	14 20 29 28	.0	0 0		2 5 3 2	0 0 1 1	0 0 0
BRANGONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	72.3 77.4 70.1 73.5 68.4	44.5 43.5 41.8 45.2 46.5	58.4 60.5 56.0 59.4 57.5	.1 .1	90 78 83	24+ 22 23+ 23+ 20+	34 25 32	29 30 29 29 16	222 145 278 174 233	0 0 0 0	00000	5	0 0 0 0	1.42 .97 1.86 1.47 1.92	- 3.10 - 2.21	.40 .30 .61 .59	25 20 13	.0 .0 .0	0 0 0		5 6 4 3	0 0 1 1 2	0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE	71.1 76.0 76.5 77.5	44.5 45.2 47.1 47.4	57.8 60.6 61.8 62.5		79 85 88 85	22+	31 31 37 33	1	218 146 137 110	0 0 0	0000	1 0	0 0 0	1.57 1.72 1.49 1.97		.45 .62 .39	25 25	.0	0 0		5 6 5 5	0 1 0 2	0 0 0
PICKENS 1 RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	72.0 75.5 77.2 68.9 80.6	44.3 45.3 48.1 46.9 47.0	58.2 60.4 62.7 57.9 63.8		81 84 86 81 88	19	33 34 32	29 30+ 29 29 30+	210 150 105 224 76	00000	00000	0	0 0 0 0	2.19 2.32 2.18 .83 1.81		. 85 . 25	25 12 20 29 13	.0 .0 .0	0 0 0 0		5 7 6 3 4	1 2 1 0 1	0 0 0
OIVISION SOLTHERN OS			59.7	1.4										1.55	- 3.28			•0					
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT	73.6	49.2 52.8	61.4			20	43	30+	139	0	0.0		0	4.02 3.15		1,20 ,95	28 28	.0	0		8	3	0

#### Continued

				Ter	nper	ature											Preci	pitation					
										N	lo. of	Days						Sno	w, Sleet		N	o. of 1	Days
Station	Average Maximum	Average Minimum	Average	Departura From Normal	Highest	Data	Lowast	Data	<b>Дедгее Days</b>	Above W	$\dashv$	Min.	$\dashv$	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or Mare
BLUESTONE DAM GARY //R KOPPERSTON LEWISBURG Z SSW PINEVILLE	77.3 77.9 78.0 77.0 79.4	48.6 46.4 48.9 48.2 46.1	63.0 62.2 63.5 62.6 62.8	- 1.0		20 23+ 19 23 20	37	16 2+ 30+ 17 3	96 108 79 91 108	0	00000	0	00000	1.22 2.06 2.66 .92 1.73	- 1.83	.86 1.29 .95 .46	29 24 25	.0 .0 .0	0 0 0		2 4 5 3 5	1 1 2 0 1	0 1 0 0 0
UNION WHITE SULPHUR SPRINGS	74.8 79.2	45.9 47.0	60.4 63.1	4 1.0		20 20+		30+ 30	149 91	0	0		0	1.36	- 2.07 - 2.42	.83 .52		•0	0		2	1	0
DIVISION NORTHEASTERN 06			62.3	1										2.02	- 1.68			•0					
BERKELEY SPRINGS FRANKLIN Z NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	77.9 75.8 81.1 75.1	47.9 46.3 52.5 49.8	62.9 61.1 66.8 62.5	8	87 93	19 19 24+ 24+	40	30+	128 148 61 150	3	0 0 0 0	0	00000	1.05 .56 .42 .62	- 3.18	.85 .20 .37 .48	29	.0 .0 .0	0000		2 3 1 2	1 0 0 0	0 0 0
MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL OMPS PETERSBURG	77.5 75.6 79.9 74.2 79.1	50.3 46.4 45.0 48.7 49.7	63.9 61.0 62.5 61.5 64.4	1.5	88 90 92	23+ 22 23+ 24 22	32 37	30 30+	103 147 122 168 93	0 3 2	0 0 0 0 0	0 2 0	00000	.98 1.16 .69 .85	= 2.83 = 2.06	.86 .74 .28 .49	13 13 14	.0 .0 .0	00000		3 3 2 3	1 0 0 0	0 0 0 0
PIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	74.0 78.5 75.3	50.8 46.9 47.0	62.4 62.7 61.2	• 7 • 2	90	20 19 23•	33	29 29 30	139 119 161	1	0 0 0	0	0 0 0	.46 .96 1.77	- 3.47 - 1.93	.40 .76 1.16	14	•0	0		2 4	0 1 1	0 0 1
OIVISION			62.7	.6										.88	- 2.78			.0					

																						_			A 1369
Station	Total	1	2 3	4	5	6	7	8	9   1	10 11	12	Day 13	of Mo	nth 15	16 17 18	19	20 21	2	2 23	24	25 26	27	28	29 30	31
NORTHWESTERN 01						1	L			_ L	1	L	1	П	1 1-	1			-da		- 4-	1	- 1	_ 1	
BELLEVILLE DAM 20 BENS RUN 1 55E CAIRO 3 5	1.29 1.A2 1.90							T	.07		.01 .2A	. 25 . 48	.A2	.03	.07 .0	3	. 45		. 2 A	.01	. 48 . 2A . 56	T	.10	•07	τ :
CRESTON 1 35W ELLENBORO	1.8A 1.55								.09		T	.45 .17	.59	.03	.04					.36	. A9 . 38			.21	
MC MECHEN DAM 13 MOUNDSVILLE	2.41							.05	.03		Υ .36	. 37	.31	.03	.04 .0A	.02 .01	Ť				.79				:
NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AP	1.02 1.A1 1.00							.0A			.20	.32 .A5	.3A .20	1	.11 T		.12		T .03	. 32	.42 .4A				07 .
PARKERSBURG WB CITY R 57 MARYS	1.10						. 0A	.04			.10	.63	.02		7 .01				.03		,20	Ť	т		.03 .
WASHINGTON DAM 19 WEIRTON	2.01							T	.05	.05	T .22	.12	.48		₹ •05	.15	.20		T	. 15	.41				.00
WELLSBURG 3 NE WHEELING WARWOOD DM 12	1.92						T	+01 T	.03		.26	.54	.79	.03	.02	7	.25 . T	02			.72 .4A				.01 .
NORTH CENTRAL 02																									
BELINGTON BENSON	1.42			1				.15	.01			.36	. 25	.19	.09 .0 .14 .18	1				т	.35 .30 .39	*0 #	.02	.06	1
BUCKMANNON 2 W BURN5VILLE CENTRALIA 2 NNW	1.25		.05								.31	.08	.18 .27 .30	.07	.13					•	.45 .45	,	Ť	.22	
CLARKSBURG 1 FAIRMON7	1.47					Î		.03 T			.20	.36	.15 .12	Ĥ	-18	.22	.03	1		.26		.04			:
GASSAWAY GLENVILLE	1,25										.19	.76	.0A	-13	.05 .08 .07					Ţ	.48 .46 .78		.15	.10	
GRANTSVILLE 2 NW MASTINGS	1.79 1.A3	.02					.01	I		.0		.42	.51	.07	.04		.02			T	.50		,,,		т.
MORNER HOULT LOCK 15 IRELAND	2.16 1.23							T			,02	.45 .60	.23 .45	.05	.18		.52				,38 ,34	.03	.04	.15	
JANE LEW	1,42								.08		.44	.18	.14	.02	T +25		.04			.07	.31				
MANNINGTON 1 N MANNINGTON 1 N	2,34	т						.02			.19	. 45	.20	.07	.12 T	.21	.50 .41 .14		т	.02	.64	Ŧ			.02
MIDOLEBOURNE 2 E3E MORGANTOWN FAA AIRPORT	1.39						T	Ť			.02	. 70	.16		Ť	•0A	-		,	.20		,			.04
MORGANTOWN L AND D PHILIPPI SUTTON RESERVOIR	1.39 1.21 1.58	Ť			02			Ť	.01		Ť .02	.10 .22	.55 .26 .50	.08	₹ 90° 80°		.20			т	.27 .27	Ť	Ţ	Υ •25	
VANDALIA WESTON	1.64										. 8 ·	.42	.04	.03	•18 •09 T	1				.09	.36		*D7	.06	
WEST UNION	1,73	T						.04			.22	.79	.15	.01	+1A				т		,36 T				т .
BRANCHLANO	1.24							.08					.34	.01	.01 .0	1				.03	.31		.11	. 36	
CHARLESTON WB AP R CHARLESTON 1 CLAY 1	.95 .87 2.49						.01	T			.05	.06 .03	.04 .07		T				т	43 T	.40 1.30	.01	.26	.32	.04
CLENDENIN 1 3W	1.89										Ť	Ť	.12	.05							1.32	Ť		,26	
CORTON OUNLOW 5 E HAMLIN	2.04		•	02							.04	.42	T24		e05					. 63 . 04	.30	.01	.08	.16 .08	7
HOGSETT GALLIPOLIS DAM MUNTINGTON FEO BLDG	1.71	-		.   -	-	-	-	•	-		†	.04	:46	•	- :01	-		1.		-19	.62	-	-	.19	
HUNTINGTON WB AIRPORT KERMIT	1.25						.01		ľ		.10	.32	.02	.02	T				. 32	.16	.50	,01	.02	.63 T	.50 .
LOGAN LONGON LOCKS MADISON	2,24 1,97 1,82			1							.07	.11	.06 .75 .20	.02	.05 .11			1		.03	1.08 .82 .48	.09	*03	.60 .36 .33	
POINT PLEASANT 5 NNE RAVENSWOOD DAM 22	1.78	Ť									.45	.39	T .48	.01 T	•01				.13	T	.36		.17	.03	*05 *
RIPLEY SPENCER WAYNE 2	1.98							_		т -	1 20	.70	.48 T .03	Ť	Ţ.	١.				104	.75 Y	T _	.22	.07	
WIDEN	1,47										1.	.05	.30	.10		1					•72	Ţ	.06	.22	
WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS	1.77 1.75 1.11								n		.12 .16	.1A .21	.07 .08		- +01 T					.07	.86 .34 .78	T	.04 .02	.66	
CENTRAL 04														- 1											
ALBRIGHT ALPENA 1 NW ARBOVALE 2	.98 1.78								.01		T	.20 .80	.22 .35 .20	:14	• 0	S	.07				.25 .38 .14		,	.11	:
BAYARO BECKLEY V A MOSPITAL	1.15								.05		.06	18	.22	*15 T			.34			т	.15		06 T	.67	
BECKLEY WB AP BELVA BIRCH RIVER 8 53W	1.31		т							.0	1 .05 T	.05 .15	T .28	т					.05	. 40	.01 .48	.03	.67	7 •31	.04
BIRCH RIVER 8 53W BRANDONVILLE BUCKEYE	1.42	.10	•		•	•	•	•	.04		•	.26	•	.10		.09	.06		•	•	.35	Ť	.11	.26	
CAMOEN ON GAULEY CANAAN VALLEY	2.12	.10						.07		•	.28	.70	.12	.10	.21		.61			T	.71	.02	.22	. 17	
ORY CREEK ELKINS WB AIRPORT	1.47	T						,		•0	1 .22	.22	.18	,,,,	.07					.06	. 42	.04	. 12	.37	
HACKER VALLEY	1,92	T	T								.09	.15	.44	.31	•08 Ţ					.06	.32	Ť	.13	.62	
MICO HOPEMONT MC RQ55	1.38 1.57 1.72										.01 T	T •45	.24	.07	**************************************	.07	.21	1		.03	.73 .28 .82	.02	T	.26	
MT STORM OAK HILL	1.49	.08	•02						•02			.06	.22	.10	.01 .0		.19				.05	, ,	*05		
PARSONS 1 SE PICKENS 1	2.19	T						.05			.95 T	.0B	.22	.40	•18 •02		.51 .	04		.01	.53	•01	. 04	.33 T	
RICHWOOD ROWLESBURG 1	2,32	•02							т		.89 T	.33	.30	.15	.10 .0	•	.85				.30	* 1*	.13	.26	:
SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE	.83 1.41 1.94	.08	.04									.15 .22 .38	.07 .08 .38	.16	Ţ	1	.53				.22 .13 1.11	1	•12	.25	
THOMAS VALLEY BENO	2.08 1.83	.05							τ			.48	.27	.28	.07 .0 .07 .0		,33				.47		*07 T	.25	
VALLEY MEAD WEBSTER 3PRINGS 1 E	1.28										.01	.30	.15	.10							.42 .49	.04	.12	.16 .20	:
SOUTHERN 05																									
ALDERSON ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT	1.34 4.02 3.15	T	ŢŢ	1						T	.05 .45 .52	.09 .37	T •01		• 2 T	1	.33		. 39	.20 T	.70	.40	1.20 .95	.70	.02
BLUESTONE DAM CARY //R	1.22			1							.08	T	.06	T	, ,		1			.01	.23	.01	T •04	1.29 Y	
									1																1

# DAILY PRECIPITATION

WEST VIRGINIA

Station	Total																	I	Day	of M	onth																			
Station	To	1	1	2	3	T	4	5	T	6	7	1	3	9	10	11	12	1	3	14	15	16	17	11	8	19	20	21	1	22	23	24	25	26	2	7	28	29	30	31
AEGER OPPERSTON Ewisburg 2 55W Atoaka Ineville	1.96 2.66 .92 1.63 1.73																.1 .0 .2	6		.06 .04	Ť							• (	)3			* 1 T	3	0 6 5		10	.22 .42 .20 .20	.61 .28 .20 .53		
RINCETON ENICK 2 S NION HITE SULPHUR SPRINGS NORTHEASTERN 06	1.77 .84 1.36 1.09	Ť	11	.03			T										.2 .0	0 1	07	.12 .17 .18	T				.04							•1 T	.2	0	1		.05	1.06 .36 .83 .52	•0	3
RKELEY SPRINGS RUSHY RUN LANKLIN 2 NE LRPERS FERRY RPERS FERRY NAT MON	1.05 .95 .56 .65	• t	) 5 ) 6									1	r				.0		11	.14 .37 .14 .50	T		•0	•	16		•10	•					.0	2			Ť	•10 •20		
EARNEYSVILLE I NW EYSER ATENSBURG FAA AP ATHIAS DOREFIELO MCNEILL	.62 .98 1.16		13	<u>T</u>	-	13	•			•		1		•	-	•	, c	6	01 86 74 28	-48	•	-	• 1	0	10	•	-14			•	•	- T	.0	1			.05	•02	•	
MPS PETERSBURG IEDMONT OWNEY 3 NNE PAROENSVILLE R M FARM	.85 .99 .46 .96	01	07	.02			.02													.49 .40 .40 .76			•0	2	15		.0	ı					.0	2				T		

																Day	OI M	onth									_				_		968
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	26	28	30	31	Avera
NORTHWESTERN 01																																	
BENS RUN 1 SSE	MAX	64 37	76 43	79 40	79 45	81 46	84 48	86 53	83 59	8 3 6 3	80 53	78 44	74 48	81 57	62 50	59 40	73 39	81 44	78 44	82 50	89 57	73 39	8 I 4 4	86 52	88 57	96 53	75 45	90 51	80 46	61 36	67	73 40	77.5 47.2
CAIRO 3 S	MAX M1N	78 36	80 42	79 41	78 45	86 46	87 44	84 50	84 54	80 55	83 51	78 44	83 54	78 57	69 50	79 40	82 38	81 50	83 44	90 49	89 57	84 39	88	85 50	86 56	85 53	90 44	80 6I	75 47	69 36	76 38	70 52	80.9 47.5
CRESTON 1 SSW	MAX M1N																																
MOUNDSVILLE	MAX M1N	73 37	75 64	76 40	81 45	84 48	86 50	85 56	84 60	85 65	78 56	77 43	80 50	79 59	72 50	74 42	81 43	81 56	82 46	90 52	90 56	8 I 3 9	86 51	88 54	87 59	86 53	79 45	80 60	79 43	66 38	75 38	71 52	80.4 49.4
NEW CUMBERLAND	MAX MIN	72 41	73 43	75 44	81	84	85 53	84 58	8 2 64	79 68	75 51	74 40	77 48	77 57	70 48	72 40	80 44	79 57	81 46	90 54	89 51	79 38	85 48	88 52	85 61	79 52	80 46	77 63	73 43	63 38	70 38	69 52	78.3 49.4
NEW MARTINSVILLE	MAX MIN	76 42	79 47	81 45	82 48	8 8 5 0	90 52	85 57	80 61	81 68	79 57	78 45	81 55	72 58	61 49	75 43	82 42	80 56	84 46	9 I 5 3	84 59	85 43	89 51	89 54	88	77 54	82 46	82 62	71 48	69 39	75 43	70 53	80.2 51.2
PARKERSBURG FAA AP	MAX MIN	77 40	79 50	80	81 52	85 51	86 59	83 64	83 64	8 0 65	78 58	75 50	82 58	72 56	62 48	74 40	82 43	8 0 5 8	84 49	91 60	74 53	82 44	88 55	86 58	85 62	77 54	78 48	80 59	60 49	66 4 I	73 44	64 56	78.3 52.8
PARKERSBURG WB CITY	MAX M1N	76 42	80 51	79 50	80 53	85 53	86 57	82 62	84 64	78 65	76 58	74 50	81 57	71 55	61 50	74 43	81 43	78 56	82 49	90 59	75 54	82 47	88 54	88 58	85 63	74 55	79 49	79 59	59 51	64 42	74 45	67 56	77.8 53.2
WEIRTON	MAX MIN	72 41	72 45	76 45	82	83 51	84 57	83 62	79 66	77 68	78 54	75 44	78 52	77 58	66 47	75 40	80 46	81 57	83 50	89 57	85 50	82 39	87 52	87 57	85 63	80 53	79 48	77 63	70 44	65 38	72 39	66 52	78.2 51.2
WELLSBURG 3 NE	MAX M1N	72 35	72 40	76 38	80 42	84 45	86 48	85 54	80 60	78 65	76 51	75 38	79 46	78 52	70 48	73 37	82 37	81 54	82 44	90 48	8 8 5 0	82 34	87 43	88	86 55	83 49	81 40	78 58	75 39	64 32	72 32	70 47	79.1 45.4
WHEELING WARWOOD DM 12	MAX MIN	65 41	74 41	74 41	76 46	82 50	87 53	85 57	83 61	77 68	79 57	76 45	75 48	80 52	72 50	58 43	76 41	80 46	78 49	82 52	90 57	68 42	84 42	86 53	87 56	86 54	73 48	80 52	79 46	62 40	63 42	71 44	77.0 48.9
NORTH CENTRAL 02																																	
BELINGTON	MAX MIN	63 36	72 37	69 43	72 45	77 44	83 46	85 51	81 51	82 52	81 56	75 41	72	80 55	70 50	51 44	69 38	80 40	78 42	79 44	86 47	79 39	82 43	85 49	88	84 57	74 39	83 42	77 42	60 35	67 35	75 38	76.1 44.3
BENSON	MAX M1N	76 35	78 44	79 44	82 43	85 43	89	85 50	8 0 5 2	80 67	77 54	75 40	80	79 56	67 48	69 38	78 35	78 53	78 42	90 47	85 55	85 39	88 47	90 49	86 55	83 52	83 40	83 59	83 43	69 33	78 38	76 52	80.5
BUCKHANNON 2 W	MAX M1N	72 37	71 44	75 43	76 41	83 45	83 56	80 50	83 52	82 63	77 53	74 41	79 53	77 55	69 48	70 38	78 34	76 52	79	85 45	83 56	81 39	85 46	84 49	83 55	80 57	79 39	78 62	74 43	67 32	74 38	70 52	77.6 47.0
CLARKSBURG 1	MAX MIN	71 38	73 44	76 44	80	85 46	86 58	82 55	83 55	79 67	76 53	74 43	80 53	69 53	54 48	72 40	80	77 52	82 46	87	75 47	8 2 4 1	86	88 51	84 57	75 47	81	79 54	60	68	75 40	72 55	77.1 48.0
FAIRMONT	MAX: MIN	71 42	71 48	76 42	78 49	84 51	84 56	83 58	80 60	78 65	77 58	74 50	80 55	68 54	54 47	70 41	80	76 57	79 47	87 56	71 52	80 43	85 54	84 57	83 62	75 56	80 45	80	60 48	66 35	73 41	70	76.0 51.2
GASSAWAY	MAX MIN	78 37	76 45	77	80	86	87	83	88	83	78 50	76 47	82 53	72 57	62	74 43	82	80 52	81 46	89	85 58	85 44	87	88 52	85 57	76 57	81 45	78	76 47	68 39	76 40	73	79.7 48.6
GLENV1LLE	MAX M1N	67	78 42	79	78 45	82	85	86	83 53	86 55	82 55	79	75 46	84	73 52	55 42	74	82 47	80	82	91 50	79	84	88	90	88	76 45	82	81 47	61 39	69	76 54	79.2
GRANTSVILLE 2 NW	MAX MIN	67 38	80	81 41	82	82	88	88	84 54	89	82 53	82	75 54	83 58	74 52	57 41	76 40	83 45	81	83	90 57	81	85 47	89 53	90	87 55	79	82	80 48	60	70 40	78 43	80.3
MANNINGTON 1 N	MAX M1N	72 34	75 42	80	78 43	85	86	84	85	81	82	75 38	80	72 57	72 48	72 39	81	81 51	80 40	90	85 54	82 36	87	87 48	8 6 5 5	82	80	80 59	68	67	75 34	74	79.5°
MIDDLEBOURNE 2 ESE	MAX MIN	72 39	74	79	80	85	85	83	81 58	79 58	79 56	75 42	80	72 54	64	72	75 40	80	81 43	88	74 57	82	86 50	8 7 5 3	85	77 54	70 52	80	70	67	75 38	72	77.7 48.0
MORGANTOWN FAA A1RPORT	MAX M1N	65	67	73	76 50	82	83	80	78	79 65	74 60	73 46	76 56	68	53 46	69	78 43	73 53	80	87 59	67	80	84 55	86 58	83	74 50	77	78 55	60	63	72 41	67	74.4 51.2
MORGANTOWN L AND D	MAX MIN	68	69	75 44	79 45	85	85 54	85 55	85 59	85 61	79 58	76 44	79 53	72 59	63	71 43	80	78 57	81	88	75 56	80	86 50	88	86	81 53	81	81	73 45	65 37	73	70 35	78.1 49.4
WESTON	MAX M1N	67	75 39	80	80	80	86	87	84 53	85 57	80 58	78 45	75 46	84	73 51	52 41	74 41	83	80	82 45	90 51	79	84	90 52	90	86 57	76	84	81	61	70 37	78 42	79.2 46.5
WEST UNION	MAX M1N		77 45	78 45	80	85 47	85	82	83 55	83	78	75 43	81 53	76	58 50	71 40	80	78 55	81 43	88	78 48	81	86	87 52	85 56	76 54	80	79	73	68	76 37	69	78.5 48.7
SOUTHWESTERN 03		0,5	7,		1	71	-1							-	,,								,,,	~	,,					-	•		
CHARLESTON WB AP	MAX MIN	77 39	74 55	77	80 48	85 51	85 62	82 60	88 58	84	80 60	76 51	84 58	76 56	60	75 45	85 40	84 59	85 49	92 55	84 60	86	90 56	90	90	79 55	86 48	80 63	64 52	68	76 61	72 60	80.5 53.4
CHARLESTON 1	MAX M1N	74 40	79 52	76 46	79 48	82 50	87 55	88	83 56	88	83	81 51	77	83	76 53	60	75 41	86 46	85 50	86 53	92 63	84	87 55	90 59	91 62	87 58	79	85 57	79 56	58 43	68	75 48	80.7 52.5
CORTON	MAX MIN	79 37	78 36	75	82 45	87 45	87	85 52	88 52	86 57	79	78 48	83 54	83 59	72 50	75 41	83	82 52	84	90	89 58	86 45	89 53	91 56	87 59	78 55	84	82	78 51	68 4 I	77	77	82.0
DUNLOW 5 E	MAX	76 43	78 52	40 77 46	80	84 50	86 60	84 56	85 55	86	79	76 51	78 59	78 58	75 40	80	82	83 50	89 56	88	83 59	87	88 60	88 61	83	76 57	81 47	79 63	75	65	72 41	71 52	80.4
HAMLIN	MAX	61	78	77	77 43	80	86 47	81 45	82 52	88	80 54	78 46	76 54	81 60	74 44	62	75	83	76	83	90	82	86	90	90	87	78 42	85 47	80	56 39	67 38	75	78.8
MOGSETT GALLIPOLIS DAM		64	76	76	78	81	86	86	81	55 85	80	80	74	83	78	58	36 75	83	81	84	52 91	80	85 60	89	57 88	56 85	78	82	81	59	67	77	79.1
HUNTINGTON FED BLDG	MAX MIN	79	77	80	84 55	88 54	89	53 81 62	57 87 62	57 80 67	79 60	52 77 56	52 62	58	52	44	41	40	46	46	83	87	89	53 89	84	80	83 52	48 80 70	70 50	42 68 45	42 77 47	70 55	80.9
HUNTINGTON WB AIRPORT	MAX	78	54 80 54	52 78	79	84	84	80	86	79	78	74 51	82		63		82	82	83	91	81	83	59 88 54	62 87	83	78 55	83	79	63	65	73	67	78.7
LOGAN	MAX	70	81	51 75	76	83	59 88	88	59 85	65 91	85 51	83	58 77	53 85	76 53	61	78 43	59 86	5 I 86	58 86	58 93	87	90	58 91	92	55 87	80	63 87	79	60	69	78	53.2 81.7
LONDON LOCKS	MAX	66	77	70	72	79	50 85	88	53 82	53 83	83	78 50	77	82	53 74	56	75	84	5I 81	84	90	80	55 85	56 85	6I 87	6I 85	76	50 85	74	68	66	74	78.4
MADISON	MIN,	69	79	75	75	50 82	51 86	87	55 82	57 88	83	79	77	82	53 81	59	75	83	58 82	83	89	52 84	52 86	57 91	90	63 87	78	85	56 77	59	68	76	79.9
	MIN	40	40	43	45	47	49	53	53	55	52	48	49	60	52	46	40	41	52	50	51	51	52	55	59	60	49	49	57	44	44	45	49.4

Continued		_								AI	L I	1.		IF L	JN 2	71	<u></u>															MAY	1960
Station		1	2	3	14		6	7	Τ.		10	1.	T,0	1,0		<del></del>	Of M	_	_	T 10	00	01	00	00	04		00			-			rerage
POINT PLEASANT 5 NNE	MAX	76	78	78	80	84	85	82	8 85	82	80	76	83	81	66	73	82	81	83	90	89	83	89	88	85	25 81	80	80	76	67	74	73	80.3
RAVENSWOOD DAM 22	MAX MIN	39 68 53	48 75 52	45 77 45	46 80 48	47 84 48	52 85 57	57 87 57	58 83 57	68 85 71	56 79 58	51 78 51	55 81 56	58 80 58	50 71 51	71 41	39 80 39	55 82 57	82 45	53 88 53	62 89 59	82 42	50 85 57	54 87 55	61 86 54	55 R8 53	46 80 46	64 80 60	53 79 51	39 68 37	41 74 43	53 76 55	51.1 80.3
RIPLEY	MAX	79	78	80	83	87 48	88	86	87 56	83	81	75 52	83	81	76 90	77	84	84 55	85 45	93	90	86 43	91	91 56	88	82 56	82	82	79	69	76 39	76 57	51.9 82.6
SPENCER	MAX M1N	76	76 50	78 47	79	83	84	84	85 56	85 70	79	77	80 54	80	71 48	73 37	8 I 37	8 I 5 5	81	88	86 61	83	87	87 54	85 56	78 55	79	79 66	78 50	65	73 40	73 55	79.8
WAYNE 2	MAX MIN	1	-0		1	,,	00		,,	, ,	"	-,	77		-0	,		,,	-	"	01			,,	,,,	,,	~,	00	10	,	70	,,	50.8
WILLIAMSON	MAX	71	84 43	75 47	77	86 49	8 9 5 2	90 55	86 53	92 58	85 53	84	81 51	85 62	77 52	63 48	81	89 47	87 50	89	94 57	88	90	94 60	92 61	87 62	81 51	89 53	83	60	72 44	79 46	83.2 51.6
WINFIELO LOCKS	MAX MIN	65	78 4 I	74 43	77	80 50	86 52	86 56	81 58	86 52	80	79 54	74 53	81 58	75 53	63	76 43	83 45	82 50	84	90 55	82 48	84	86 57	88	84 58	79 52	83 51	80 57	59 42	69 41	75 43	79.0 50.4
CENTRAL 04																																	
ARBOVALE 2	MAX	65	60	60 39	75 34	75 37	76 38	76 42	82 44	78 52	75 54	72 40	77 50	70 47	60 45	70 42	73 32	70 40	73 37	82 38	78 63	76 36	78 40	84 44	82 50	77 56	65 34	78 50	7 I 40	68 33	69 31	66 49	72.9 42.5
BAYARO	MAX MIN	51	56 40	63 36	73 39	75 36	79 39	78 42	80 51	77 56	73 56	71 41	77 47	75 49	64 43	66 40	75 32	74 48	74 38	82	79 54	73 36	80 40	82 46	79 53	75 52	77 34	73 59	71 39	64 29	66 30	68 45	72.6 43.0
BECKLEY V A HOSPITAL	MAX MIN	72 33	70 48	66 45	77	81 44	81 52	78 47	85 46	81 63	75 47	75 42	76 55	75 45	67 46	70 39	78 35	77 43	77 41	85 42	83 57	80 42	82 48	83 50	78 55	72 57	79 37	77 56	69 49	61 43	69 33	68 53	75.7 46.4
BECKLEY WB AP	MAX MIN	69 42	58 47	63 43	73	77 50	77 52	75 54	83 57	79 61	75 50	73 47	74 57	70 50	51 45	68 40	77 49	77 53	76 46	84	79 52	78 48	82 54	82 57	77 59	72 49	80 44	70 59	59 45	62 42	68 37	67 52	72.7 49.5
BIRCH RIVER 6 55W	MAX MIN																																
BRANGOŅV1LLE	MAX MIN	57 41	58 43	64 38	68	76 43	77 46	78 48	80 55	79 63	77 57	70 41	71 46	77 52	69 48	52 37	68 33	74 46	74 40	77 46	84 54	66 33	79 43	83 48	84 58	82 54	70 35	78 50	75 37	59 29	62 31	72 46	72.3
BUCKEYE	MAX MIN	71 41	70 47	63 37	77 36	78 37	79 36	78 41	85 44	81 47	77 55	74 37	79 49	72 51	68	75 42	82 36	81 43	79 47	87 40	86 54	80 41	90 44	85 42	84 52	75 54	79 38	78 51	74 44	71 35	72 34	68 46	77.4 43.5
CANAAN VALLEY	MAX MIN	62 32	51 39	5 8 3 5	72 32	72 35	71 45	75 45	77 50	72 62	70 52	72 37	74 48	70 50	61 42	66 39	73 29	72 51	72 34	78 40	75 53	75 33	77 43	78 42	77 50	72 50	77 29	72 58	65 38	62 25	62 35	62 42	70.1 41.8
ELKINS WB AIRPORT	MAX MIN	72 42	65 47	68 39	75 40	79 41	81 48	78 50	81 52	76 62	71 56	71 42	78 51	70 51	51 43	69 44	76 39	74 50	75 40	83 44	74 45	78 38	82 45	83 48	80 54	70 44	81 36	75 50	58 43	64 32	72 35	68 51	73.5 45.2
FLAT TOP	MAX M1N	62 40	64	52 41	56 43	70 44	73 46	72 47	71 51	79 59	74 51	70 48	71 52	71 54	64	50 41	65 35	72 42	72 48	72 42	79 50	74 45	74 46	78 52	77 55	75 55	68 40	76 51	64 52	53 41	59 36	63 47	68.4 46.5
HOPEMONT	MAX M1N	54 40	56 38	61 35	68 38	71 43	73 45	74 50	75 55	73 51	72 47	74 51	73 50	69 45	68 44	75 39	73 49	74 54	79 38	74 41	72 56	74 31	76 45	78 53	74 49	75 50	73 34	75 51	71 37	68 42	68 39	64	71.1 44.5
MC ROSS	MAX M1N	70 31	70 47	66 <b>4</b> 2	- 75 40	80 42	80 48	79 47	85 47	83 58	80 50	72 41	71 53	73 52	73 45	68 44	79 34	78 43	77 42	85 40	84 52	78 44	85 47	83 50	83 55	71 56	79 40	79 51	71 48	63 39	70 36	67 37	76.0 45.2
OAK HILL	MAX	70 38	75 38	65 41	68 46	78 47	83 51	84 51	80 52	86 54	81 56	75 46	75 47	79 58	71 47	52 39	72 39	82 42	78 46	79 46	88 49	80 47	84 52	85 55	85 56	87 58	75 41	84 46	74 53	55 42	66 37	75 39	76.5 47.1
PARSONS 1 SE	MAX MIN	69 39	65 42	68 39	78 41	80 44	82 52	82 50	83 55	80 57	76 58	74 46	80 52	79 56	70 48	70 45	79 40	78 43	78 52	85 43	85 57	80 42	84 48	84 50	83 51	81 56	82 39	81 57	75 45	67 33	73 37	72 52	77.5 47.4
PICKENS 1	MAX MIN	70 34	64 42	68 36	72 39	79 42	79 43	74 47	80 <b>47</b>	76 56	72 51	68 42	76 48	72 56	56 44	65 41	74 36	72 45	73 39	81 43	73 54	76 41	79 47	79 49	79 53	68 54	76 37	70 54	67 39	60 30	68 34	65 51	72.0 44.3
RICHWOOO	MAX MIN	64 33	63 47	66 38	74 41	81 44	81 51	80 50	83 47	83 45	73 44	72 40	78 54	79 54	66 46	69 42	78 37	75 43	76 41	84 42	83 53	80 42	83 49	83 48	80 54	79 57	79 39	74 54	68 46	65 38	73 33	70 53	75.5 45.3
ROWLESBURG 1	MAX	62 41	66 46	71 40	80 44	81 46	82 48	80 50	81 54	79 60	75 59	74 44	79 51	77 56	68 46	72 44	80 40	78 54	79 44	86 47	84 58	80 42	84 49	85 52	83 58	81 54	81 39	78 57	75 44	68 34	73 38	70 51	77.2 48.1
SPRUCE KNOB	MAX	53 39	54 38	55 35	57 37	67 48	71 45	75 47	76 50	77 49	73 53	67 49	67 52	73 57	68 44	48 41	67 45	74 56	71 48	69 54	81 60	71 44	75 53	78 51	79 53	80 54	68 43	77 54	71 45	68 32	61 33	65 46	68.9 46.9
WEBSTER SPRINGS 1 E	MAX	71 46	79 42	77 37	81 43	87 45	87 54	86 54	87 48	88 54	86 47	81 50	78 49	75 45	71 48	74 44	79 40	84 45	81 45	88 45	88 54	87 45	85 50	88 49	86 52	76 57	76 42	76 54	76 42			75 55	80.6 47.0
SOUTHERN 05																																	
ATHENS CONCORO COLLEGE	MAX	73 44	65 42	56 42	70 42	75 47	76 48	78 45	81 48	81 64	75 58	78 55	78 58	72 57	65 45	67 43	73 47	75 41	76 39	81 45	82 57	76 52	80 54	80 56	78 59	78 57	80 40	78 58	65 50	55 45	68 39	67 48	73.6 49.2
BLUEFIELO FAA AIRPORT	MAX	67 46	51 46	58 43	71	76 53	75 52	75 54	81 60	78 61	73 54	75 54	71 59	65 52	54 45	69 44	75 52	74 55	76 52	81 55	78 59	75 55	81 59	76 60	77 59	71 54	80 48	70 62	65 48	65 46	63 47	53	71.4 52.8
BLUESTONE DAM	MAX	71 42	72 47	60 47	65 48	78 45	82 45	80 46	80 51	87 53	83 52	79 47	79 48	77 56	70 51	58 44	75 41	83 42	81 48	82 47	89 50	85 48	8 2 5 1	87 53	88 57	84 59	77 47	86 48	75 58	60 48	70 44	72 45	77.3 48.6
GARY	MAX	70 37	78 37	66 <b>49</b>	69 42	80 42	84	48	80 48	87 48	83 47	78 45	79 45	57	73 50	60 44	74 38	81 42	80 46	82 45	87 46	83	48	87 51	83 57	83 58	77 45	86 45	75 57	59 48	70 41	41	77.9 46.4
KOPPERSTON	MAX	72 39	74 52	69 45	77	83 46	83 50	82 51	85 51	84 58	78 51	76 46	79 57	75 56	69 48	74 40	38	80 46	81 47	87 45	86 55	84 48	85 52	84 54	80 54	76 60	81 43	72 57	72 49	66 42	74 38	71 54	78.0 48.9
LEWISBURG 2 SSW	MAX	70 47	68 47	65 45	76 46	79 46	78 47	79 49	83 52	83 55	79 50	77 46	75 55	73 53	66 47	74 43	80 42	79 40	85 45	85 47	80 55	50	85 50	86 52	83 51	76 58	80 43	80 56	73 50	69 44	69 42	71	77.0 48.2
PINEVILLE	MAX	69 36	79 38	69 35	69 40	82 44	86 44	86 46	81 49	88 49	83	80 46	79 41	81 57	74 48	59 43	77 37	83 37	81 46	84 46	90 47	84 49	85 50	89 56	88 57	83 60	80 46	85 47	76 57	62 47	72 62	76 42	79.4 46.1
UNION	MAX	69 44	70 47	55 45	60 45	74 43	78 44	76 47	77 47	84 52	80 53	76 43	78 45	74 45	70 47	57 44	72 40	80 43	78 43	81 42	87 47	83 47	78 47	85 49	85 53	83	77 39	50	75 55	58 46	69 39	69	74.8 45.9
WHITE SULPHUR SPRINGS	MAX	70 50	68 48	63 45	78 44	79 41	78 41	82 45	87 47	86 57	82 58	79 42	78 54	75 52	68 49	78 43	83 37	84 41	84 45	88 41	88 53	83 45	87 45	87 49	85 57	79 58	82 38	82 52	75 51	73 43	72 36	71	79.2 47.0
NORTHEASTERN 04																																	
BERKELEY SPRINGS	MAX M1N	48 45	62 44	66 33	75 40		74 41	87 43	84 56	85 59	80 65	78 47	79 49		48	72 44		79 56	82 44		86 66	73 36	90 43		87 57	83 62	82 42	82 63	78 52		73 35		77.9 47.9

WEST VIRGINIA MAY 1964

Continued				-																												-	1904
																Day	OI M	onth															0 P P
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Avec
FRANKLIN 2 NE	MAX	43	55 43	63	74 41	76 41	78 40	82 46	84 50	83 55	76 54	76 43	75 51	73 51	67	72 48	82	79 49	78 42	87	80 57	79 39	83 46	86 50	84 60	78 62	8 2 3 8	80 57	73 45	73 35	71 35	70 50	
HARPERS FERRY NAT MON	MAX	51 45	65	66	78 42	76 47	75 48	84 50	87 57	89	89 62	89 54	81 55	77 56	76 54	76 45	82 48	83 56	85 53	92 58	79 57	79 47	89 50	93 52	93 63	86 66	87 45	86 64	87 56	75 44	81 49	78 57	81.1 52.5
KEARNEYSVILLE 1 NW	XAM	48	50 45	61	64	72 42	74 42	71 43	81 58	83 62	66	77 50	78 52	75 51	78 51	65	68	81 55	79 47	82 55	91	74 38			91 58	88	79 46	62	83	64	70 37	73 52	
KEYSER	MAX M1N			75	75	73	67	69	12	81	81	84	79	82		73	76	73	78	80	77												
MARTINSBURG FAA AP	MAX MIN	50 45	62 42	64 38	73 43	77 42	76 43	85 45	85 60	63	79 64	78 51	79 53	80 53		70 46	83 43	80 57	83			75 43			88	80 57		84		70 43	75 44	77 52	
MATH1A5	MAX M1N	51 43	58 42	63 38	74 47	75 40	74 40	84 45	81 51	83 59	74 60	76 44	77 51	79 52	64	72 43	82 41	78 50	79 44	87 44	77 55	73 38	68 47	86 49	83 54	79	81 39	79 58	74 45	69	71 33	72 48	
MOOREFIELD MCNEILL	MAX M1N	55 46	63 46	67 34	78 39	79 40	80 40	86 43	85 49	84 55	80 63	77 41	78 49	78 49	76 42	74 45	85 37	85 52	83 41	90 43	88 54	80 36	90	90 47	89 52	85 60	85 36	85 59	82 41	72 32	75 32	73 48	79.9
OMP5	MAX M1N	47 41	49	61	65	73 42	68	52 44	85 52	82 62	84 63	76 55	77 51	76 52	78 53	62 50	71 41	82 41	82 42	82 52	90 59	75 39		78 56	92 59	88 61	78 50	82 59	82 51	78 48	76 38	74 41	
PETERS8URG	XAM	54 46	60 47	65 40	77 43	80 44	80 44	86 47	84 54	85 62	81	78 46	78 54	78 55	70 53	75 49	85 41	80 55	80 44	89 47	85 62	79 41	90 50	89 53	88 57	86 63	85 40	85 69	79 48	71 36	75 36	74 52	
PLEDMONT	MAX M1N	46 42	52 43	64	65	76 46	78 50	76 54	85 60	82 63	79	74 50	71 50	70 52	62 51	59 46	73 46	81 58	78 52	81 54	89 59	76 46	79 52	87	88 64	85 58	75 48	81 50	78 45	62 40	70 42	72 49	
ROMNEY 3 NNE	MAX M1N	52 46	63	68	77	78 41	76 43	85 45	84 52	84 56	81	77 43	77 51	73 52	67 47	75 46	84 43	82 51	82 43	90	88	77 39	89 45	89 50	87 55	85 58	84	83 58	79 43	70 33	73 35	75 48	78.5
WAROENSVILLE R M FARM	MAX M1N	48	51 45	61 39	65	75 40	77	75 44	85 51	84 58	85 64	78 45	78 50	80 52	78	62	72 41	83	81 45	81	88 58	79 42	74 45	88 51	87 55	84	78 41	72 54	80	63	69 35	72 42	

# EVAPORATION AND WIND

Station																Day	Of M	onth															le 7 9
Signon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NORTH CENTRAL 02																																	
CLARKSBURG 1	EVAP W1NO	.14 61	.20 103	.14 68	.16 35	.07 42	.24	.07 47	• 14 47	.35 196	.18 155	.18 41	.00 57	.04 38	•04 78	. 19	•06 49	·16	•13 44	.26	.16	·15	.18	•08 41	•22	.16	•21 41	.06 112	.41 38	• 29 48	41	.07	4.908
SUTTON RESERVOIR	EVAP W1NO	.18 54	.13	.23 63	·11	.22	.22	·23	·13	.21	.38 183	•23 82	.21 34	.14	.16	.03	.18 43	•21 41	•19 46	.22	.24	.29	• 23 32	•23 38	·21	.24	.31	·19	•14 52	.02	.22	.20	6.13 1384
SOUTHWESTERN 03																																	
HOGSETT GALLIPOLIS DAM	EVAP W1NO	-	:	:	:	.24 25	·19 23	.19 24	•17 49	. 29 80	.35 111	•27 67	13	.09 50	·18	.13	26	.05 41	• 30 48	.24	.28	.36	.15	· 31	.11	• 34 82	.25	.21 45	.21	.09 30	.06 50	.20 36	6.618
SOUTHERN 05																																	
BLUESTONE CAM	EVAP W1NO MAX M1N	.20 49 77 47	42	40 63	.09 35 64 48	30 84	85	35 85	32 76	43 87	64 82	56 82	77	77	71	59	.21 37 84 47	87	39 81	30 88	26 91	39 89	38	25 89	35 90	37 85	46 89	31 89	41 75	27	83	38 80	5.64 1165 80.6 52.4
NORTHEASTERN 06																																	
WARDENSVILLE R M FARM	EVAP	• 02 47	.03 52	.16	·15	.19	.22	.20	·19	.07	.40 166	127	.20	•11	21	•11	.19	·26	· 15	.23	.33	.28	.23	.23	.23	.20	. 32	.25	.23	.16	.13	:	6.068

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	erages -		Numl	per of d	ys with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1 tOO AM EST	7,00 AM EST	1 000 PM EST	7:00 PM EST	Trace	60'-10'	.1049	-99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to si
BECKLEY WB AIRPORT	24	7	9.4	25++	30	10	75	77	49	55	4	7	1	1	0	0	13	_	7.1
CHARLESTON WB AlRPORT	22	11	6.2	23++	22	24	76	82	46	48	3	5	2	0	0	0	10	-	6.3
ELKINS WB AIRPORT	26	7	7.0	31++	14	25	84	87	47	54	1	4	3	1	0	0	9	-	6.6
HUNTINGTON WB AIRPORT	23	6	5.9	23++	24	23	77	84	50	51	3	3	4	0	0	0	10	-	6.4
PARKERSBURG WB C1TY	-	-	6.5	32	NW	23	-	-	-	-	3	5	2	1	0	0	11	66	-

	-	NO.	N		E ↑	JOE	NO	TI	ERVA ME AI	ND			NO.	Z		<b>↔</b>	30	30	Z	OI	SERV	AND	ON	1964
	STATION	INDEX	DIV	COUNTY	DRAINAGE	LONGITUDE	ELEVATION		EVAP	H .	OBSERVER	STATION	INDEX N	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECUP		SPECIAL	OBSERVER
	ALBRIGHT ALDERSON ALPENA 1 NW ARBOVALE 2 ATHENS CONCORD COLLEGE BAYARD BECKLEY WA HOSPITAL BECKLEY WB AP BELLBYTH BELLEVILLE DAM 20	0102 0143 0249 0355 0527 0580 0582 0633 0645	05 M 04 R 05 N 04 G 04 R 02 R 01 W		2 39 29 7 37 44 2 36 55 7 36 25 7 37 25 9 39 16 7 37 47 7 37 47 10 39 02 8 39 09	79 38 80 38 79 40 79 49 81 01 79 22 81 11 81 07 79 56 81 45	1219 1555 3020 2730 2600 2375 2330 2504 1679 600	5P 3P 5P 6P MID 7	7A 7A 8A 3P 7A 8A 61D 7A 7A	н	MONOMGAHELA POWER CO. RASSIE L. SIMS OMER S. SMITH NRS. NETTIE R. SMEETS CONCORD COLLEGE HOWARD R. FULK V. A. MOSPITAL U. S. WEATHER BUREAU GEORGE R. MILLYARD CORPS OF ENGINEERS	WHEELING WARWOOD DN 12 WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS  CLOSED STATIONS GRAFTON 1 NE	9522 9554 9605 9610 9683	05 03 03 03 03	OMIO GREENBRIER CLAY MINGO MINGO PUTNAM	1 1 4	40 06 37 48 38 28 37 40 37 40 36 32	80 42 80 18 80 52 62 17 82 17 61 55	123	14 51 13 81 19 71 71	8A 7A 7A		н	CORPS OF ENGINEERS JANES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILLMA E. ROBERTS CORPS OF ENGINEERS
	BELVA BENSON BENS RUN 1 SSE BERKELEY SPRINGS BIRCH RIVER 8 SSW BLUEFIELD FAM AIRPORT BLUESTONE DAM BRANCHLAND BRANCHLAND BRUSHY RUN	0679 0687 0710 0844 0921 0939 1075 1083 1204	02 H 01 T 06 M 05 M 05 M 05 S 03 L 04 P 06 P	NICMOLAS AARRISON IYLER YORGAN NICMOLAS AERCER SUMMERS LINCOLN PRESTON PENDLETON	4 38 14 10 39 09 6 39 28 9 39 37 4 38 25 7 37 18 7 37 39 3 38 13 2 39 40 9 36 50		748 1080 644 640 1885 2805 1388 600 1798 1375	BA BA	8A 6 7A 8A 7#	H AC H	RAYMOND E, PHILLIPS CLARKSBURG WATER BOARD ROBERT N. HALL H. M. RUPPENTHAL. 11: SOUTHEASTERN GAS CO. FED. AVIATION AGENCY CORPS DF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE	SMOOT	8295	04	GREENBRIER	4	37 53	80 40	245	.0	7A			CLOSED 4/7/64
	BUCKEYE BUCKHANNON 2 W BURNSYILLE CAIRO 3 S CAMDEN ON GAULEY CANDAN ON LEY CENTRALIA 2 NNW CHARLESTON WB AP CHARLESTON 1 CLARKSBURG 1	1220 1282 1328 1363 1393 1526 1570 1575 1677	02 U 02 E 01 R 04 W 04 T 02 E 03 K 03 K	POCAMONTAS JPSHUR SRAUTON STICHIE HEBSTER FUCKER SRAUTON KANAHHA KANAHHA HARRISON	7 36 11 10 39 00 5 36 52 5 39 10 4 36 22 2 39 03 4 38 36 4 38 22 4 38 21 6 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	977	6P 6P MID 9 NID 9	9A 110 H1	H H C HJ	MISS ILEAN WALTON DR. ARTHUR 8. GOULD JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON JAMES W LINGER U.S.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY													
	CLAY 1 CLENDENIN 1 SW CORTON CORTON CRESTON 1 SSW OAVIS DRY CREEK DUNLOW 5 E ELKINS WB AIRPOPT ELLENBORO FAIRMONT	1723 1959 2054 2209 2462 2520 2718 2746 2920	01 W 04 F 03 W 04 R 01 R	CANAWHA CANAWHA VIRT FUCKER RALEIGH VAYNE RANDOLPH RITCHIE NARION	4 38 27 4 38 29 5 38 56 2 39 08 4 37 52 8 38 02 10 36 53 5 39 16 6 39 26	79 28 61 26 62 20 79 51 61 04 80 08	1298	6P 7A 5P MIO M	7A 1D	C HJ	MRS. SARAH B. FRANKFORT KATHERINE M. RADER HORE NATURAL GAS CO. SEAROR B. LIVICH MRS. MARY L. DUMAS MRS. RUIT E. JARREL KELLY BROWNING U. S. WEATHER BUREAU MRS. RUBY L. GORRELL CITY FILTRATION PLANT													
1	FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE GRAFTON 1 NE GRANTSVILLE 2 NM GRIFFITHSVILLE HACKER VALLEY	3215 3238 3353 3361 3544 3630 3648 3749 3798	06 P 02 L 05 M 02 G 02 G 02 T 02 G	MERCER PENDLETON LEWIS AC DOWELL BRAXTON SILMER LAYLOR CALHOUN LINCOLN MEBSTER	7 37 35 9 38 40 6 39 06 1 37 22 4 38 40 5 38 56 10 39 21 5 38 56 3 38 14 4 38 39	81 33 80 46 80 50 80 00 81 06 81 59 80 23	3229 1900 1030 1426 640 727 1230 730 950 1501	6P 6P 7A 5P	7A 7A 6P 7A 5P 6A	C H	FRED E. BOWLING GEORGE O. MAMMER EOUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE CLOSED 4/22/64 HOPE NATURAL GAS CO. ROBIN B. MOORE MRS. LELA N. CARTER													
	MALL MAMLIN MARPERS FERRY MARPERS FERRY NAT MON MASTINGS MICO MOGSETT GALLIPOLIS DAM MOREMONT MORNER MOULT LOCK 15	3846 3927 3932 3974 4126 4200 4264 4281 4309	03 L 06 J 06 J 02 W 04 F 03 F 04 P 02 L	BARBOUR LINCOLN JEFFERSON JEFFERSON VETZEL AYETTE HASON PRESTON LEWIS MARION	10 39 03 3 38 17 9 39 19 9 39 19 8 39 33 7 38 07 8 38 41 11 39 26 6 38 59 6 39 30	80 07 82 06 77 44 80 40 81 00 62 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 878	5P 7A 5P	6A 7A 5P 3P 7A 7A 7A 4P	A	MRS OPAL R. JACKSON M. VA. WATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. MRS MILDRED E CRIST CORPS OF ENGINEERS MRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS													
	MUNDREO MUNTINGTON FED BLDG MUNTINGTON WB AIRPORT IAEGER IAEGER IAELAND JANE LEW KERMIT KERMIT KERMIT KOPPERSTON	4368 4393 4408 4476 4559 4763 4816 4836	03 0 03 0 05 M 02 L 02 L 06 J	HETZEL  ZABELL  CABELL  MC DOWELL  LEWIS  JEFFERSON  HINGO  HINGO  HINGO  HINERAL  HYOMING	8 39 41 8 38 25 8 38 22 1 37 28 6 38 49 6 39 06 9 39 23 1 37 50 9 39 26 3 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 76 59 81 34	1034 565 828 1084 1142 1020 550 625 930 1450	M10 8 M10 8 8A 5P 6P	410 7A 5P 4P 6A 7A 5P 6P	, H7	MFGRS, LT. + HT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU NRS RUTH L.51ZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EDWARD H. BOWEN POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.													
	LAKE LYNN LEWISBURG 2 SSW LINOS1DE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS MADISON MANHINGTON I N MANHINGTON I W	5224 5284 5323 5341 5353 5365 5563	05 0 05 M 03 U 03 U 03 E 03 E	MONONGAL]A  SREENBRIER  MONROE  JACKSON  SILMER  LDGAN  KANAWHA  BOONE  MARION  4ARION	2 39 43 7 37 46 7 37 27 8 38 54 5 38 51 3 37 51 4 38 12 4 38 03 6 39 33 6 39 32	79 51 80 28 80 40 81 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975	84 7A 8A	7A 5P 8A 7A 8A 6P	H H	WEST PENN POWER CO- ADJO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO- COY E. NARSHALL CORPS OF ENGINEERS J. E. CURRY JANES N. MORGAN ORA G. FROSI													
	NARLINTON MARTINSBURG FAA AP MARTINSBURG 2 W MATHAS MATOAKA MC MECHEN DAM 13 MC ROSS MIDDLEBOURNE 2 ESE MODREFIELD Z SSE MODREFIELD KNEILL	5707 5712 5739 5747 5847 5871 5963 6163	06 B 06 B 06 F 05 F	MERCER MARSHALL GREENBRIER TYLER MARDY	7 38 13 9 39 24 9 39 28 9 38 52 7 37 25 8 39 59 4 37 59 8 39 29 9 39 02 9 39 09	80 05 77 59 78 00 78 52 61 15 80 44 80 45 80 52 78 58 78 54	2150 537 535 1625 2580 655 2445 750 830 800	6P 4P 7P	6P 7A 7A 4P 7P	с н с н	CECIL A. CURRY FED. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS RUSSELL D. AMICK JONN W. GRUWRINE NRS. ZELLA H. VETTER NRS. JOHN W. SAVILLE													
	MORGANTOWN FAA AIRPORT MORGANTOWN L AND D MOUNDSYLLE MT STORM NAOMA NEW CUMBERLAND NEW CUMBERLAND NEW NARTINSVILLE OAF HILL OAFS PARKERSBURG FAA AP	6212 6248 6293 6362 6442 6467 6591	02 M 01 M 04 G 04 R 01 M	RALEIGH HANCOCK HETZEL FAYETTE HORGAN	6 39 36 6 39 37 8 39 54 9 39 17 4 37 52 8 40 30 8 39 39 7 37 58 9 39 30 8 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 61 26	1245 825 620 2845 1210 750 637 1991 950 837	7P 5P 6P 6P 7A	6P 6P 7A 6P 7A	с с н с н	FED. AVIATION AGENCY CORPS OF ENGINEERS MOUNDSVILLE SEWAGE TR MRS. EILEEN NINNICK VIRGIL G. WEBB MILLIAN B. MURRAY OR. 2. W. ANKROM MILES M. MARTIN MRS. E. N. MOVERMALE U. S. WEATHER BUREAU										ŀ			
	PARKERSBURG WB CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEOMONT PIEOMONT POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7029 7112	06 0 02 6 04 8 06 M	TUCKER	8 39 16 2 39 06 9 39 00 10 39 09 10 38 40 9 39 29 3 37 35 8 38 55 7 37 22 8 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410 584	7P 8A 7A 5P	1D 5P 7A 7A 6A 7A 5P 7A	н	U.S. WEATHER BUREAU FERNOW EXP. FOREST MRS. BESS S. NOML MRS. MAXINE LEACH MRS. NELL &. ARMSTRONG C. A. SUIER. JR. JAMES G. NC DERMITT UNIVERSITY OF W. VA. M. VA. WATER SVC. CO. CORPS OF EMGINEERS													
	REMICK 2 S RICHNOOD RIPLEY 3 NNE ROWLESBURG 1 ST MARYS SMITHVILLE SMOTHVILLE SMOOT SPENCER	7503 7552 7730 7785 7875 8274 8286 8295	04 A 03 - 06 F 04 F 01 F	SREENBRIER NICHOLAS NACKSON HAMPSHIRE PRESTON PLEASANTS OODDRIDGE RITCHIE GREENBRIER	7 37 58 4 38 13 6 38 49 9 39 23 2 39 21 8 39 23 8 39 17 5 39 04 4 37 53 5 38 48	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 80 40 81 21	1900 2300 610 640 1375 650 795 840 2450 964	5P 5P 7P	8A 6P 5P 7A 7A 5P	H	MRS. MARY V. NC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JONN H. INGRAM HORE NATURAL GAS CO. HOPE NATURAL GAS CO. CLOSED 4/7/64 W. VA. WATER SVC. CO.													
	SPRUCE KNOB STONY RIVER DAM SUMMERSYLLE SUITON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BEND	8534 8608 8662 8782 8807 8924 8986 9011	04 0 04 N 02 E 04 F 04 T 03 P 02 T	PENDLETON SRANT NICHOLAS BRAXTON PRESTON TUCKER AASON TAYLOR HONROE RANDOLPH	9 38 41 9 39 08 4 38 17 4 38 39 2 39 27 2 39 09 4 38 41 10 39 19 7 37 36 10 38 46	T9 31 79 18 80 50 80 41 79 33 T9 30 81 50 80 02 80 32 79 56	3050 3400 1930 835 2587 3010 630 1200 1975 2010	Î	6A 8A 7A 7A 7A 7A	H C CCC	HARRY J. GORDON FRED C. BECKER CMARLES F. GUN CORPS OF ENGINEERS CMARLES E. TREMBLY NRS. MARGARET PERKINS NISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS VIOLET L. SWECKER													,
	VALLEY HEAD VANDALIA WARDENSVILLE R M FARM WASHINGTON DAM 19 WASH 2 WEBSTER SPRINGS I E WEIRTON WELLSBURG 3 NE WESTON WEST UNION	9104 9281 9309 9323 9333 9345 9368 9436	02 L 06 H 01 W 03 W 04 W 01 H	HOOD HAYNE HEBSTER HANCOCK BROOKE	10 38 33 6 38 56 9 39 06 8 39 15 7 38 13 4 38 29 6 40 24 8 40 18 6 39 02 5 39 18	80 28	2425 1120 960 600 1540 1040 668 1026 1000	8A 5P 6P 6P 7A	7A 6P 8A 9 7A 8A 7A 6P 6P 7A 6P	к A C H	KENT SWECKER CLARKSBURG WATER BOARD UNIVERSITY EXP. STA. CORPS OF EMGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HENRY, JR. EARNEST F. SMITH		-											

#### ERROREMENTAL INCOMES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist, Agricultural Engineering Building, West Virginia University, Margantown, Wast Virginia 20006, or to any Weather Bursau Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in \*F, precipitation and evaporation in inchas and wind movement in miles, Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are lens of degrees.

OBSERVATION TIME: The Sistion Index shows observation times in local standard time. During the summer menths some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table to at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 s. m., K. 5.7 Dats in the "Satemens" table, "Daily Precipital time" table, and snowled land the stations on Ground" table saving stations and Wind" time of observation, and Wind" time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table, Max and Min in "Evaporation and Wind" table refer to extremss of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, aleet, or ice on the ground. Samples for obtaining messurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack mey result in apparent inconsistenties in the record,

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfail" table, include snow and size. Entries of snow on ground include snow,

NORMALS for all stations are climatological standard normals based on the period 1931-1960,

DIVISIONS, as used in this publication, became effective with data for January 1957,

STATION NAMES: Figures and letters following the atation name, such as t2 SSW, indicate distance in miles and direction from the post office,

SEASONAL TABLES: Monthly and seasonal enowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July iasue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December leques of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
  - No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windepeed. This station is not equipped with an instrument to measure fastest mile data,
- Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month,
- D Water equivalent of snowfall wbolly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value ie entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data, )
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable,
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

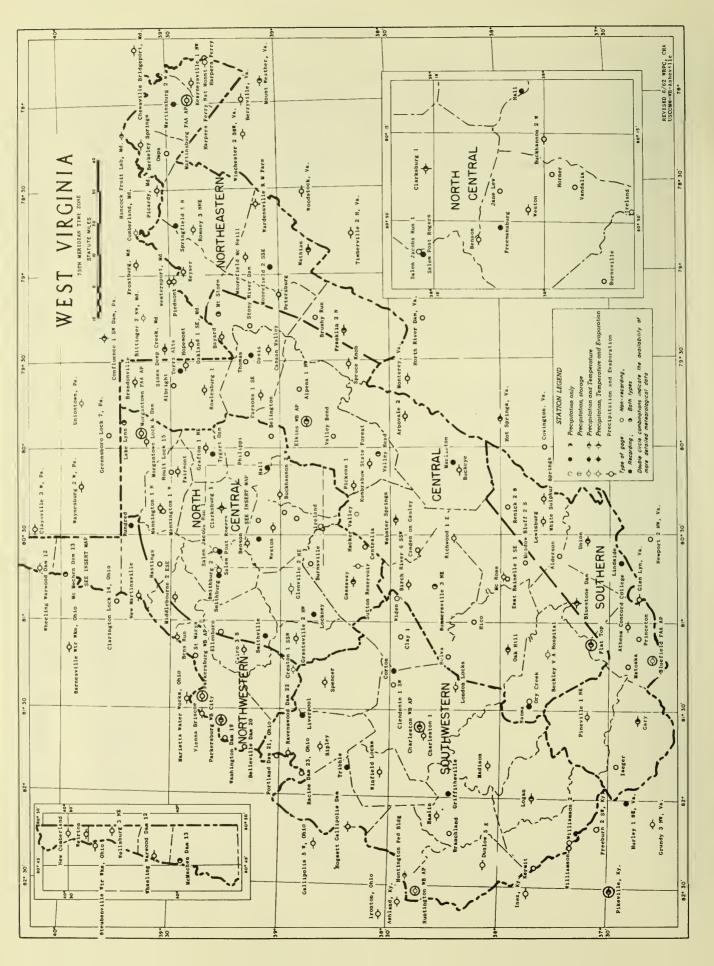
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents, Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -7-20-64-725



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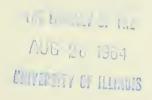
# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

JUNE 1964 Volume 72 No. 6





#### WEST VIRGINIA - JUNE 1964

#### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 99° on the 27th at Harpers Ferry Nat Mon

Lowest Temperature: 30° on the 17th at Canaan Valley

Greatest Total Precipitation: 9.21 inches at Belington

Least Total Precipitation: 1.13 inches at Harpers Ferry

Greatest One-Day Precipitation: 3.82 inches on the 21st at Belington

#### SPECIAL WEATHER SUMMARY

Severe thunderstorms struck most of the State on the 15th as an intensely cold dome of high pressure from northwestern Canada moved a cold front ahead of it. These thunderstorms caused considerable flooding, general wind damage, and uprooted many mature trees in Charleston. The extremely cold air behind the front gave many stations record-low readings on the morning of the 17th. The warm frontal return circulation on the 19th also caused more thunderstorms. A violent squall line formed in the warm humid air over Ohio and pushed across West Virginia on the afternoon and evening of the 20th. The heavy rains set off a flash flood on the Tygart Valley River and Leading Creek north of Elkins and caused an estimated \$150,000 damage to crops, buildings, equipment, roads, and bridges. Observers in Clarksburg noted that after the early evening squall line had passed, the sky was an extraordinary color of pink blending to dark purple and black which resembled the damaging tornadoes of June 23, 1944, in that area. No tornadoes were reported, however, and wind damage was light from this storm.

These dramatic frontal thunderstorms did little to help the rainfall situation in the Eastern Panhandle and along the southern edges of the State. Rainfall was about half of normal for June and soil moisture at the end of the month was seriously low in these areas. In contrast, within the area bounded by Wheeling, Parkersburg, Charleston, Elkins, Morgantown, and back to Wheeling, rainfall was normal or above for the month.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

	1		Tor	nperati	ura	-	-				1			Decei	pitation				UNE	1964
			101	Inperati		1		No	o. of D	ays				Preci	1	w, Sleet		No	o. of D	Эвув
Station	Average Maximum Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Degree Days	Ma: Above	-	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	50 or More	1.00 or More
NORTHWESTERN 01																			-	
BENS RUN 1 55E CAIRO 3 5 CRESTON 1 55W MOUNOSVILLE NEW CUMBERLANO	82.2 55. 85.1 57. 83.2 53. 84.4 57. 83.0M 56.	0 71.1 5 68.4 5 71.0	- 4.1 1 - 2.4	94 2 94 2 92 2	23 24 27+	43 17 4 42 17 4 40 17 4 43 4 41 5	50 26 60 32 46	10 8 9	00000	0 0	4.03 3.33 5.99	- 1.41	1.74 .88 1.20 1.47 1.04	1 22 15	.0 .0 .0	00000		10 9 6 9	5 4 3 7 4	1 0 1 1 2
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	84.8 58. 83.7 59. 83.0 60. 83.0 58. 83.9 54.	3 71.5 2 71.6 1 70.6	9 - 1.0 7	93 2 94 2 93 2	27÷ 23	45 17 43 2 45 2 44 17 37 17	21 27 27 40 46	8 8	00000	0 0 0	3.65 4.85 4.20	.58	1.38 .82 1.54 .77 .83	15 14 20	.0 .0 .0	0		11 7 8 11 10	4 3 3 4	2 0 1 0
WHEELING WARWOOD OM 12 DIVISION	82.4 56.	7 69.6	- 1.3 - 1.1	92 1	30+	42 4	48	6	0	0 0	3.57 4.68		. 49	15	.0			12	0	0
NORTH CENTRAL 02																				
BELINGTON BENSON BUCKHANNON Z W CLARKSBURG 1 FAIRMONT	80,2 53, 85,9 55, 82,3 55, 82,8 55, 81,6 58,	70.7 6 68.9 8 69.3	.5 .0 = 1.1 = 1.6	95 2 90 2 93 2	24 23 23	40 174 39 17 39 17 41 17 42 17	63 26 40 39 34	11 6	0 0 0 0	0 0 0 0	7.72 5.93 5.45	2.80 .53 1.13	3.82 2.65 1.18 1.50 .80	16 21 20	.0	0		11 8 10 9 12	5 4 6 4 5	4 3 1 2 0
GASSAWAY GLENYILLE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE	84.1 57. 84.6 57. 84.4 56. 84.0 55. 83.4 57.	70.8 70.3 69.6	• 1.8 •2	96 2 96 2 94 2	24+	42 4 42 4 42 4 38 17 43 17+	22 31 37 35 30	10	0 0 0 0	0 0 0 0 0	3.29 3.38 5.79	- 1.85 .77	.87 .87 .98 1.09 1.42	22 22 22	.0	0		7 7 7 12 10	3 2 3 6 7	0 0 0 1 2
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNION	79.9 57. 82.3 57. 84.3 55. 83.4 56.	1 69.7 8 70.1	- 2.0	92 2 93 2	23	41 17 43 17 43 17 41 17	45 36 34 28	2 6 10 7	0 0 0	0 0 0 0	6.08 5.36	1.75	1.39 1.10 1.68 1.49	21	.0	0 0 0		10 12 10 10	3 5 3 6	1 2 2 2
DIVISION SOUTHWESTERN 03		69.7	- 1.1								5.64	.88			• 0					
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	84.8 60. 84.9 60. 86.0 57. 84.4 59. 85.2 55.	72.7 71.7 72.0	. 9	94 2 98 2 91 2	24+	44 4 45 4 42 4 47 17 39 4	20 21 19 18 34	11	0 0 0 0	0 0 0 0 0	3.56 2.95 2.62	07	1.07 1.23 .88 .60	16	.0	0 0 0		7 5 9 7 6	3 4 2 2 0	2 1 0 0
HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LONGON LOCKS	84.7 57. 86.7 63. 83.9 59. 87.1 58. 82.1 59.	7 71.2 2 75.0 4 71.7 7 72.9	1.1	96 2 96 2 94 2 97 2	24	45 5 4 47 4 44 17 4 44 4	28 13 27 15 29	14 13 10	00000	0 0 0 0 0 0	2.14 1.97 3.65	- 1.85 - 2.13 68	.63 .30 1.13 1.05	16	.0	0 0 0		6 9 6 11	2 0 4 2	0 0 1 1
MAOISON POINT PLEASANT 5 NNE RAYENSWOO OAM 22 RIPLEY SPENCER	84.4 58. 86.1 58. 86.6 58. 87.5 57. 84.2 57.	72.2 72.4 72.7	.1	96 2 95 2 96 2	23 29 •	44 4 42 4 43 17 43 17+ 41 17+	25 27 23 20 33	13	00000	0 0 0 0 0	1.98 1.56 3.45	- 2.31	.68 .55 .58 1.33 .58	1 1 22 8	.0	0 0 0		7 8 4 7 6	2 2 1 3 3	0 0 0 2 0
WAYNE 2 WILLIAMSON WINFIELO LOCKS OIVISION	88.9 84.8 59.		5 5			46 4 47 18•	8 19	16	0	0 0		- 1	1.15	1	.0	0		4 5	3	1
CENTRAL 04																				
ARBOVALE 2 BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	79.2 49. 77.6 50. 79.9 53. 79.2 56.	63.9	.0 5	89 3 86 2 88 3 90 2	3	31 4 34 17 35 4 41 17•	84 97 50 56	0 0 0 1	0000	1 0 0 0 0 0		- 1.35 - 1.38 - 2.75	.88 .79 .36 .70	16	.0 .0	0 0 0		7 10 6 3	2 2 0 2	0 0 0
BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	77.6 51. 82.5 52. 75.1 48. 78.4 52. 74.2 53.	67.5 61.9 65.7	- 1.4	87 2 93 2 85 3 88 2 85 2	7	33 17 37 5. 30 17 40 17 38 4	92 48 136 70 93	0 6 0 0 0	00000	0 0 0 0 1 0 0 0	4.48 5.01	18 - 2.53	1.12 .52 .86 .95	16	.0 .0 .0	0 0 0		12 8 9 10 5	4 3 1	3 0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	76.2 54. 79.5 52. 82.3M 55. 81.0 55. 76.3 51.	66.1 68.7M 68.2		84 3 88 3 93 2 88 3 84 2	4.	36 17 36 4 40 4 40 4 35 17	43 56 47 40 97	0 0 0	00000	00000	2.81 1.63			8	.0 .0 .0	0 0 0 0		5 5 10 9	2 0 4 4	0 0 2 0
RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	78.7 52. 81.8 55. 74.7 54. 84.3 56.	68.9		89 3 90 3 82 2 94 2	9 •	36 4 42 17 40 19• 40 3	64 35 94 25	0 3 0 7	0 0 0 0	0 0 0	3.59 4.64 3.04 3.18		.49		.0 .0 .0	0 0 0		10 11 11 10	5 0 0	0 0 0
DIVISION		66.0	. 1								3.52	- 1.49			• 0					
SOLTHERN 05  ATHENS CONCORD COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE DAM	79.6 55. 77.9 60. 83.4 56.	69.3		87 2 86 2 93 2	3 4	39 4 49 4 44 4	50 26 27	0		0 0 0	2.77 2.02 1.82		.80 .54 .83	1 1 7	•0	0		6 6	2 1 1	0 0
			See Refe	rence l	Notes	Follow	ing Sta	tion	Inde	Y						,	- 1			

See Reference Notes Following Station Index

#### Continued

Continued											
			Tem	perature					Preci	pitation	
							No. of Days			Snow, Sleet	No. of Days
Station	Average	Average Minimum Average	Departure From Normal	Highest	Lowest	<b>Degree Days</b>	Above or Min.	Total Departure From Normal	Greatest Day	Total Max. Dopth on Ground Date	.10 or More .50 or More 1.00 or More
GARY //R KORRERSTON LEWISBURG 2 SSW RINEVILLE UNION	82.8 5 82.3 5 86.0 5	64.9 69.5 66.1 69.5 66.2M 69.3M 66.1 71.1 63.9M 67.9M	- 1.3	93 28+ 91 23 91 30+ 96 24 93 28+	39 4 38 4 44 4	37	9 0 0 0 3 0 0 0 7 0 0 0 13 0 0 0	2.87 1.75 2.20	.85 1 .53 1 .64 7	.0 0 .0 0 .0 0	7 2 1 7 1 0 5 2 0 6 1 0 5 0 0
WHITE SULRHUR SPRINGS DIVISION NORTHEASTERN 06	84.5 5	69.3	3	95 28+	38 4	34	8 0 0 0	1.82 - 1.8		•0	6 0 0
BERKELEY SPRINGS FRANKLIN 2 NE HARRERS FERRY NAT MON KEARNESVILLE 1 NW KEYSER	81.3 5 88.0 6 82.8 5	6.3 70.1 3.3 67.3 0.8 74.4 7.9 70.4 4.3M 68.8M	- 1.1	95 30 92 30 99 27 96 28 93 22	41 17 37 4 46 4 41 4 40 4	49 7 37	7 0 0 0 3 0 0 0 18 0 0 0 7 0 0 0 0 0 0	2.91 1.49 1.70 = 1.7	.54 20 .61 21 .45 7 .49 7 .75 20	.0 0 .0 0 .0 0	9 1 0 9 3 0 4 0 0 6 0 0 5 1 0
MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL OMPS PETERSBURG	82.6 5 86.4 5 82.8 5	8.0 71.5 3.4 68.0 70.0 4.1 68.5 7.0 71.5	4	96 30+ 94 27 96 30+ 94 28+ 96 30+	37 17 35 4 41 2	33	11 0 0 0 7 0 0 0 12 0 0 0 7 0 0 0 12 0 0 0	1.55 2.37	.46 1 .58 1 .58 7	.0 0 .0 0 .0 0	6 0 0 5 0 0 6 1 0 8 1 0 8 2 1
RIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	84.5 5	67.0 68.6 55.2 69.9 64.7 68.8	- 1.0	91 30 94 30• 95 28	39 17 39 4	4 34	4 0 0 0 8 0 0 0 9 0 0 0	2.68	.62 7	0 0	9 2 0 8 1 0 7 0 0
DIVISION		69.8	3					2.24 - 1.4	2	• 0	

_														Dan	al Mi															J	UHE 1	96,4
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of Mo	15	16	17	18	19	20	21	22	23	24	25	28 2	7	28	29 , 30	31	
NORTHWESTERN 01  BELLEVILLE DAM 2D  BENS RUN 1 55E  CAIRD 3 5  CRE51ON 1 55%  ELLENBORO  MC MECHEN DAM 13	2.10 6.05 4.03 3.33 6.58	.88 .61 .59	.D5	T	T T	.12	.05	.92	.34 .17 .31 .07	.02	L			T		.77 .66 .11 1.37	.46 .79 .31 .50 1.26	1		.08 .19 .23 .02 .02	.13	.35	.61 1.20 1.50	.02	.04	, O1			• 32 • 02		01	
MOUNDSVILLE NEW CHERRAND NEW HARTINSVILLE PARKERSBURG FAA AP PARKERSBURG BE CITY ST MARYS MASHINGTON DAM 19 MEIRTON MELISDURG 3 NE	5.99 5.60 5.67 3.65 4.85 5.44 3.18 4.20 4.57	.52 .28 .36 .37 .39 .36 .35 .39	.D2	.09 .06 T	•02	. 25	.57 .63 .15 .59 .76 .75 .05	.06 1.04 .23 T .07 .04 .07 .30	.61 .05 .35 .16 .25	.02	7		T	•D7 7 T •01 •13 •29	.26 .48 .25 .60 1.54 .61 .36 .15	. 35	.69 .50 .10		.02	.55 1.02 .80 .01 .08 .14 .03 .61 .28	.09 .38 .80 .73 .14 .11	,33	.82 .10 1.38 .06 .25 .59 .22 .83	.05 .07 T	.07 .06 .16 .01 .01			06				
MHEELING WARWOOD DM 12  NDRTH CENTRAL 02  BELINGTON BENDON BUKMANNDN 2 W BURMSVILLE	9,21 7,72 5,93 3,83	.45 .1D .40 .62	.22 .67 .05	,06	.24 .02		.05	.40 T	.09 .18 .08 .04	.03			.03	·01	.03 .02 .85	.18 .46 .27	.19 1.28 2.65 .69	т		•25 •11 •18 •24	.1D	.08	.70	1.28	.06 .03 .32	.16			.20 .21 .64			
CENTRALIA 2 NNW  CLARKSBURG 1 FAIRMONT GASSAMAY GLENVILLE GRANTSVILLE 2 NW	4.10 5.45 4.75 3.74 3.29 3.38	.40 .38 .51 .60 .51	.07	.D7 .11 .04	.09 T	Т	. 26 . 02	.10	.45 .23 .59 .42 .30 .28	. 38 T			7	.D4 .O3	.08 .08	.77 .54 .15 .23	.14 .03 .44 .38		.17	•17 •13 •03 •04	.07 1.50 .77 .04	.03	.8D .8D .87 .87		.20 .13 .45 .02	T .14	•	70	.09			
HASTINGS HORNER HOULT LDCK 13 IRELAND JANE LEW LARE LYNN MANNINGTON 1 N HANNINGTON I W	8.03 4.28 3.04 6.88 7.03 5.79 6.41	.97 .43 .63 .42 .13 .60	.D5 T	.03	т	.01	. D1	.12	.59 .22 .23 .16 .52 .49	.06	•	•	-	•02	.29		.47 .32 .30 1.53 1.33 .23 .30	•	- - 40 7	.52 .82 1.04 .71	•	.60 I.88	1.03	•	.09 .23 .50 .22 .42 .29	.02		60	.73 .25 .06 .24			
MANNINGTON 1 W HIDDLESOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND D PHILIPPI SUTTON RESERVOIR VANDALLA WESTON	6.56 4.62 6.D8 7.69 3.87 4.67 5.36	.57 .4D .17 .06 .28 .70	.23 .43 .39 .02	T T	.D1 .13 .07	.07	.04 .35 7 .01 7 .15	.30 .17 .30 .32	.32 .38 .23 .13	•09				T T .02	.38 .05 T T .53	1.09 1.39 .51 .55 .10	.70 1.39 .35 .58 1.03	•02	.03	.50 .52 .91 .05 .28	.15	.73 .49 1.1 2.3 .Dz	1.42	.25	.21 .07 .43 .02 .06	Ť • 08		07	.15 .05 .04 .05			
WEST UNION  SOUTHWESTERN 03  BRANCHLAND CHARLESTON WB AP R CMARLESTON 1	7.11 2.03 3.82 3.56 4.94	.55 .47 .74 .75	.07	.06	T T .10		.03	.04 .07 .05		•02 T				Т	.56	.17	.77 .07		.13	.09 .32 .12	.92	.38	.15 1.07	.17	.16 .26 .28 .69		1.	45	•01			
CLAY 1 CLENGENIN 1 3W CORTON DUNLO# 5 E HAMLIN HOGSETT GALLIPOLIS OAM HUNTINGTON FEO BLOG	3.56 2.95 2.62 1.85 2.14	.88 .5D .46	.10	.06 .07 T	.04	-	-	.18 .20	.68 .10 .35	. 28 T	7		-	.11 .02 .20	.06 .16 .05	.07 .57 .60 .19	.16 .18 .14 .63		.04	·16 ·11 ·30 ·30 ·24		T .	.54 .51 .18 T .35 .37	.48	.37	.16			T -			
HUNTINGTON WB AIRPORT KERMIT LOGAN LONGON LOCK5 MAOISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22	1.97 4.94 3.65 3.78 2.56 1.98 1.56	.66	7 •24 •10 •15 •08	.05	•13 •02	Т		.98 .05 .15 .11	.05 1 .05	.05			.20	•19 •01 T	.23 T	.22 1.73 .85 .11 .56	.01 .41 .24 .46		.24	.58 .74 .37 .41		.01	.17 .16	•15 •10 •12	.21 .26 .52 .05 .30	.01						
RIPLEY SPENCER WAYNE 2 WIOEN WILLIAMSON WILLIAMSON 2 WINFIELO LOCKS	3.45 2.58 3.65 2.98 2.47 2.66	1.01 .50 .25 1.15	.03 .33 .05 .09	.04 - T .03	.06	.03		1.03	.20	T - .54			-	.06	.03	.15 T - .17 .52	.10 .52 .25 .08 .07	- T	.03	.06 .23 - .17 .46 .44 .28		T .05	.39	-	.10 .15 - .22 .60 .87	.04			.03 -			
CENTRAL 04  ALPRIGHT ALPENA 1 YW ARBOVALE 2 BAYARO BECKLEY V A HD5PITAL	4.52 7.00 2.88 3.35 1.71	.10 .27	.67 .80 .28 .33	.03	•12 •15		T T •02	.23 .15 .88 .13	.18 .55 .38 .10	.04	•12			.01 .08	.05	.72 .75 .65	.46 1.60 .27 .79	•02		.51 .58 .12 .15		.34 1.25	.36 .42		,31	.03 .30			.16			
BECKLEY WB AP BELVA BIRCH RIVER 6 55W BRANDONVILLE BUCKEYE CAMOEN ON GAULEY CANAAN VALLEY	1.98 2.75 6.56 2.56	.70 .02 .17 .27	,43	.05	.04	.05	.04	.08	.08 .21 .21 .30	.05 .04 .40			-	T -05	.02 .04 .11	.11	.06 .93 1.08 .52	:01 -	.30	7 •23 •23 •22 •08 •47	.38 1.12	.39	.26 .41 .06	.03	.16	.02		. !	.02			
CANARY VALLEY ORY CREE EAST RAINELLE 3 NNE ELKINS WB AIRPORT FLAT TOP MACKER VALLEY MICO MOPEMONT	4.48 2.49 2.22 5.01 1.88 4.13 3.22	.86 .70 .30 .81	.16	.01	.02 .05	T	.28	.53 .47 .23 .13	.06 .15 .22 .07 .35	.05 .72				T T	.37 .03 .48 .02 .10	.03 .05 .95 .03 .04 .20	.24 .30 .06	T .02	• 05	.42 .10 .42 .07 .46 .34		.04	.31 .73 .06	.03 .02	.23	.40		.05	.04			
MC ROSS MT STORM DAK MILL PARSONS 1 SE PICKENS 1 RICHWOOD	2.81 2.50 1.63 6.24 4.37 3.59	.62	.63	.09	T •05		.09	.62	.99 .19 .56 .17	.33 .11 .21	.01			T	.25	.30 .07 .03 .13	.32 .54 .06 1.08 .59 .63	•06		.37 .16 .23 .25 .72	.08	.38 1.68 .35	.11 .06 .45 .44	Ť	,33	.39			.03 .01			
ROWLESBURG 1 SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE THOMAS VALLEY BEND VALLEY HEAD	4.64 3.04 3.95 4.24 5.61 5.17 4.00	.08	.56 .14 .52 .58	т	.07		.03	.50 .39 .13 .37 .83	.20 .27 .17 .83 .27 .70	.03 .11 .06	Ť			.10	T .10	.70	.87 .98 1.16	.06 .03		.07 .14 .20 .46 .31	.15 .35 .30 .31 .12 .39	.70	.48 .08 .08 .16 .35	T	.22 .15	.10 .31 .58			.07 T	.03		
WEBSTER SPRINGS 1 E SOUTHERN 05 ALDERSON ATHENS CONCORO COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE OAM GARY //R	1.4 2.77 2.02 1.82 2.8	.12		T T	.04		•13 •30 •24	.03 .22 .18	.20 .70 .03 .02	. 26				. 32	.40	.19 T	.15 .03 .13	.01	.49	T • 20 • 20	, 34 T	.37	.08		.07	т				.03		

# DAILY PRECIPITATION

WEST VIRGINIA

Continued																															JUNE	1964
Station	Total													Day	of M	lonth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1AEGER KOPPERSTON LE-15BURG 2 55W MATOAKA PINEVILLE	3.13 2.87 1.75 1.26 2.20	.85 .53	.01	,02			.13 .11	.46	.50 .22					. 05		.82	•31		.05	•30 •41 •12 •04 •44					.15	.07						
PRINCETON RENICK 2 5 UNION WHITE 5ULPHUR SPRING5	1.43 2.58 1.26 1.82	.30	.42	T •05 •05				.15 .41 .12 .48	.21	.16 .46 .11 .43					.04	.04	• 15 • 10 T			.26 .57 .40	т		.05	T	.06	T						i
NORTHEASTERN 06  BERKELEY SPRING5  BRUSHY RUN  FRANKLIN 2 NE HARPERS FERRY HAPPERS FERRY	2.63 3.00 2.91 1.13	.16	.52	.07	Ť	.04	.09	.17 .49 .15 .38	.72 .19	.22	.10			•02	.40	.30 .17 .50 .17	.47 .20 .27			.41 .09 .18	.54 T .04	.44	Ť		.03							
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL	1.70 2.21 1.58 1.55 2.37	.44	.14	T	T		.45	. 03		.23 T	.02			.03		.31 .15 .28 .09	.10			•02 •27 •03 •10	.40 .75 T			•21	L			Ţ	,02			
OMP5 PETERSBURG PIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	2,11 2,55 3,43 2,68 1,89	.10 .22 .13	.56 .20 .30		• 02		.02 .01 .01	1.10	.13 .28 .08		.10 .03			Ť •02		.12 .07 .40	.13 .28			.21 .68 .04	.40 .27	.27 .40 .28	.20		.12	• 02 T			.02			

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ADDITION OF THE PARTY OF THE PA		1	2	3	4	3	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30 31	¥
NORTHWESTERN 01													7.0												- 0							
BENS RUN 1 55F	MAX M1N	49	63	70 43	45	49	49	56	60	63	62	49	78 50	56	67	67	54	43	76	55	70	91	65	85 64	67	52	53	55	91 54	57	60	82.2
CAIRO 3 S	MAX M1N	56	70 46	71 46	78 42	81 49	81 59	65	60	92 62	67	89 52	89 48	64	66	87 66	55	80 42	50	63	93 67	90 64	67	63	68	82 52	50	92 53	87 55	91 53	90 59	85.1
CRESTON 1 55W	MAX	75 41	50	70 46	72 40	75 40	80 45	81 55	83 55	85 59	60	89 54	47	47	87 65	85 64	91	71 40	72 41	82 53	93 61	93 66	67	83 65	94 65	63	83 50	50	92 53	86 52	90 53	83.2 53.5
MCUNOSVILLE	MAX M1N	62 56	70 45	70 47	77 43	80 46	80 59	82 58	85 59	90 64	89 71	84 50	88 48	88 65	8.8 66	89 64	75	76 44	84 51	91 67	91 68	90 65	89 67	92 65	91 67	82 52	88 54	92 58	88 53	91 59	91 63	84.4 57.5
NEW CUMBERLAND	MAX MIN	65 53	69 43	67 49	73 45	77 41	77 58	83 58	83 59	89 62	89 75	79 46	85 49	88 65	88 64	87 69	47	72 42	82 51	90 67	89 64	89 67	85 67	91 65	90 66	79 50	86 53	88 59	85 52	90 59	91 63	83.0 56.9
NEW MARTINSVILLE	MAX M1N	63 56	72 46	71 47	80 48	83 52	82 61	83 60	85 60	91 64	89 74	83 52	89 50	90 66	84 68	88 64	75 55	78 45	84 51	89 56	91 67	94 66	85 68	92 66	88 68	81 54	90 55	93 58	88 55	92 59	92 63	84.8 58.5
PARKERSBURG FAA AP	MAX M1N	63 52	6 9 4 3	71 48	78 51	79 54	82 60	82 60	84 62	92 68	88 66	80 53	8 8 5 2	89 70	85 69	89 64	70 53	77 47	80 55	93 67	93 69	91 67	86 68	93 66	83 65	79 56	87 55	93 57	86 59	90 61	91 63	83.7
PARKERSBURG W8 C1TY	MAX M1N	63	69 45	70 49	78 50	81 56	8 l 62	81	83 63	90 68	87 66	78 54	87 55	87	84	86 64	67 54	76 49	80 57	91 68	91 70	91 68	85 69	94 66	82 64	78 57	88 54	93 58	87 63	91 61	92 65	83.0
WETRTON	MAX M1N	66 52	69	68	76 46	79 44	77 58	80 62	84	89	87 76	79 46	85 50	88 66	85 65	85 66	70 46	77	83 54	90 67	88 65	89 67	87 66	90 66	86 67	82 52	88 55	90 62	88 55	93 62	91 65	83.0
WELLSBURG 3 NE	MAX M1N	63	70	68 45	76 42	80 41	78 57	84 57	84 58	90 59	89 70	81	86	88	86 66	85 65	82 48	76 37	84	91 66	89 65	89	88 45	93 63	89 65	80	88	90 54	87 48	92 54	91 58	83.9
WHEELING WARWOOD CM 12		61	60	69	68	74	78 47	77	83	84	89	85 50	78 50	86 52	88	85 67	87	87 46	77	83	89 70	90	90	88 66	92 69	82 53	81	90	90	88 59	92 60	82.4
NORTH CENTRAL 02																														-		
BELINGTON	MAX M1N	72 55	62	69	65	74 42	78 48	80 54	7 g 5 6	82 58	88	86 54	79 48	89 52	85 63	78 65	84	68	74 42	83	87 67	87 59	89 62	84	90	78 57	75 47	84	87	83 51	87 53	80,2
BENSON	MAX	72	73	71	78	84	84	84	85	90	87	89 47	87	89	88	87	75	78	86	90	94	92	90	94	95	85	86	90	92	93	90	85.9
BLCKHANNON 2 W	M1N MAX	63	68	67	74	80	79	79	83	88	87	85	86	85	85	85	73	76	82	88	89	89	85	90	88	80	85	88	86	52 87	58 88	82.3
CLARK5BURG 1	MAX	62	48 69	69	76	79	81	82	84	58 91	87	80	90	63 88	65 86	67 87	70	39 77	82	89	90	88	65 85	93	67 81	79	87	90	53 84	90	56 87	82.8
FAIRMONT	MAX	53	70	69	75	51 80	59 80	80	61 82	88	64 85	53 76	50 87	85	68 80	88	48 68	41 75	82	68 89	65 91	88	85	92	81	77	51 86	90	56 83	55 88	61 88	55.8
GASSAWAY	MAX	54 67	48 71	47 71	77	51 82	62 80	56 81	60 84	90	68	53 85	52 89	86	70	65 88	73	42 79	51 82	91	66 92	64 91	87	65 93	66 85	80	53	55 91	54 87	90	63 90	58.0
GLENV1LLE	MIN	57 71	50 62	46 73	71	80	54 83	59 84	60 85	61 85	65	59 90	51 80	91	89	66 85	90	45 72	51 78	85	66 95	65 96	66	66 86	68	54 85	55 79	56 89	58 93	53	59 91	57.6
GRANTSVILLE 2 NW	MIN	58 72	50 61	45 72	72	49 79	55 83	56 82	61	6 2 8 5	65	90	49 82	65 90	65 87	67 87	57 89	43 71	50 80	65 85	69	65	67	65 87	67	52 84	51 80	52 89	56 96	54 86	93	57.0
MANNINGTON 1 N	MIN	50	50 72	47	42	48 80	55	54	60	63	65	55 83	49 86	57	65	66 86	57 75	74	83	59	68	66	67	65	68	53	52	51	51	55	60	56.2
	MIN	55	49	45	78	46	58	58	59	56 91	65	52 79	49	61	62	63	53	38	45 82	63	64	63	65	65	67	51	50	52	52 85	52	59	55.2
M1DOLEBOURNE 2 E5E	MIN	56	45	69 45	43	50	60	58	60	63	71	53	48	62	62	62	53	43	49	64	69	65	64	66	67	52	53	56	54	55	61	83.4
MCRGANTOWN FAA AIRPORT	MAX M1N	62 54	66 45	66 47	72 50	77 51	60	78 59	61	65	63	74 53	85 52	68	77	83 64	66 49	73 41	82 51	65	90 66	87 64	65	69	79 62	76 53	53	60	82 54	61	90 63	79.9
MCRGANTOWN L AND 0	MAX M1N	65 48	70 47	70 47	70 46	80 52	61	81 58	61	90 63	70	80 54	88 47	63	80 66	82 64	71 53	75 43	48	66	91 63	90 64	85 66	92 65	82 68	53	86 53	90 55	84 55	89 55	89 60	82.3 57.1
WESTON	MAX M1N	74 57	64 48	71 46	70	79 45	82 51	83 55	84 56	85 62	92 63	90 56	91 51	92 53	88 66	85 68	61	73 43	83	84 53	93 70	93 64	90 64	87 64	90 64	84 54	80 52	87 53	92 56	86 55	90 55	84.3
WEST UNION	MAX M1N	66 56	70 50	69 45	77 43	80 50	80 59	80 56	84 60	90 62	87 67	81 54	89 48	91 62	83 66	87 65	78 56	76 41	82 49	90 66	90 68	90 62	85 61	91 63	86 67	79 51	85 52	90 57	89 55	88 55	88 60	83.4
SOUTHWESTERN 03					,																											
CHARLESTON W8 AP	MAX M1N	63 54	73 53	72 51	78 44	81 48	82 61	82 63	84 64	91 69	91 73	81 58	90 55	87 70	89 72	91 68	74 52	79 45	82 57	92 69	92 73	94 70	88 70	92 69	84 69	80 56	87 54	91 60	8 9 6 2	92 56	93 62	84.8
CHARLESTON ,1	MAX M1N	73 58	62 <b>5</b> 2	74 51	72 45	79 48	85 56	83 63	83 63	86 66	93 70	91 63	81 56	92 65	88 70	89 67	92 60	75 47	80 52	82 64	93 70	93 70	94 70	90 69	94 70	85 55	80 56	87 59	92 62	88 57	92 62	84.9
CCRTON	MAX M1N	73 53	73 49	72 48	78 42	84 45	81 55	79 60	84 57	91 62	90 65	88 56	89 52	87 65	87 67	89	73 59	79 44	83 54	92 64	92 62	93 67	93 65	98 65	85 67	87 55	88 56	96 56	90 56	91 54	94 59	86.0 57.4
OUNLOW 5 E	MAX M1N	69 54	70 49	72 48	78 48	79 49	79 62	83	84 61	89 66	89 70	86 58	89 56	89 64	85 65	85 65	83 57	78 47	80 60	89 62	87 69	90 69	91 68	88 65	83 52	88 54	90 58	90	89 60	89 63	90 65	84.4
HAML1N	MAX M1N	72 56	62 50	73 48	72 39	78 43	82 48	82 58	86 59	86 61	93	91 58	82 51	90 56	87 64	87 62	91 61	75 42	81	90 60	92 65	93 67	94 68	91 67	95 68	85 50	81	90 52	93 57	90 51	93 55	85.2 55.8
HCGSETT GALLIPOLIS OAM		69	67	71 51	72	79 45	82	81	85	87	93	91 59	81 52	91	88	90	90	73 47	80 49	80	92	92	94	90	96 69	76 54	80	90	95 56	91 56	95 55	84.7
HUNTINGTON FEO BLOG	MAX M1N	64	74	72 53	79	82 51	81 59	85 64	86 65	90	91	85 62	92	87	88	89	77	85 52	82 63	93	93 77	95 75	94	96 72	85	84	93 57	96 62	93	96 61	95 64	86.7
HUNTINGTON W8 AIRPORT	MAX M1N	62	71	72	77	80	80	85	86 63	91 70	92	81	90	85 66	83	87	72	77	79	90	90	91	88	94	83	80	87	92	89	92	91 59	83.9
LOGAN	MAX	75	65	51 75	75	79	85	84	86	88	94	93	86	94	90	90	91	78	56 84	84	73 93	95	94	95	97	51 85	51 83	92	95		95	59.4 87.1
LCNOON LOCKS	MAX	70	63	70	69	75	83	83	79	84	88	87	56 76	86	82	84	84	69	77	77	85	87	69 91	88	97	56 85	56 82	91	92	86	92	58.7 82.1
MAOI5CN	MAX	74	52 61	72	72	79	51 82	83	84	82	90	90	51 84	90	86	86	63	74	50 81	59 84	65 91	70	69 94	70 90	69 95	58 82	59 80	89	62 92	90	59 95	59.3
	MIN	58	51	51	44	45	49	58	60	63	66	60	55	55	67	66	64	49	50	61	64	68	68	68	68	57	56	56	60	54	55	58.2

## DAILY TEMPERATURES

CONTINUEO						_			ע	AL	LI	11	-,]V]	IPE	ıK.	410	UK.	E9													VE5T	V1RG JUNE	
Station				,						r				γ		Day	Of M	onth															erage
	MAX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	- Av
PCINT PLEASANT 5 NNE	MIN	63 54	43	71 49	79	81 47	60	82 59	61	91 64	90 74	86 55	88 51	68	90 68	90 67	79 56	78 48	82 54	93	93 73	67	92 67	96	92 66	83 50	49	53	94 59	93	94 58		86.1 58.2
RAVEN5WOOD DAM ZZ	MAX	55	76	70 46	77	82 49	61	59	61	90 65	74	89 56	88 51	67	87 67	90 67	85 58	78 43	53	91 63	93 66	93 67	94 68	94 65	93 67	85 52	89 50	95 54	95 59	95 51	94 60		86.6 58.1
RIPLEY	MAX	69 55	73 46	73 46	43	83 47	83 59	59	89 56	93 64	70	89 58	89 52	64	89 66	91 66	87 55	79 43	80 55	95 63	95 70	96 69	92 68	95 66	66	82 52	90 50	95 53	93 58	94 55	95 60		87.5 57.8
SPENCER	MAX	68 55	70 46	70	41	80 44	79 61	81 59	61	89 65	74	88 57	86 50	86 68	85 65	87 65	73 55	77 41	79 51	91 66	90 70	92 66	91 66	92 63	90 78	81 52	87 48	92 51	90 59	91 52	92 59		84.2 57.8
WAYNE 2	MAX																																
WILLIAMSON	MAX	75 60	65 54	77 52	77 46	83 49	87 54	85 62	89 62	92 63	97 66	96 61	89 58	95 63	91 65	91 69	92 65	78 55	88 58	87 63	96 69	96 70	96 69	97 69	97 71	87 57	85 55	93 58	95 62	95 55	97 58		88.9 60.6
WINFIELO LOCKS	MAX	75 53	62 54	72 49	72 53	79 48	82 51	82 60	85 64	85 66	91 68	90 61	83 55	90 56	87 72	89 68	89 64	75 47	82 47	81 63	92 67	92 71	92 70	91 68	93 70	84 55	82 55	91 56	95 57	89 52	91 59		84.8 59.3
CENTRAL 04	MAX										i																						
AR80VALE 2	MAX	68 51	66 45	63 38	73 31	72 35	71 53	73 54	78 51	85 54	84 54	86 57	80 44	79 60	78 54	81 62	71 55	75 33	79 43	82 60	86 58	88 58	85 49	86 61	82 58	78 48	84 42	89 44	81 45	85 40	89 49		79.2 49.5
BAYARD	MAX	62 51	64 40	61 41	70 38	74 39	76 53	73 38	76 54	83 53	82 59	79 49	84 41	81 58	77 64	82 61	70 52	71 34	81 39	82 62	84 62	84 57	79 61	86 58	82 61	73 53	81 42	85 47	77 43	84 45	85 <b>5</b> 2		77.6 50.2
BECKLEY V A HOSPITAL	MAX	67 55	67 50	66 45	73 35	76 41	72 54	74 57	75 51	83 55	83 62	81 55	83 50	81 64	80 62	83 63	79 57	76 40	77 52	83 58	85 62	88 59	86 59	88 59	85 62	77	84 46	86 51	84 53	86 46	88 51		79.9 53.4
BECKLEY WB AP	MAX MIN	59 51	67 46	65 45	72	73 45	72 58	75 60	77 55	85 61	85 64	75 56	83 55	80 66	82 64	84 64	69 47	77 41	78 56	85 61	87 65	88 64	87 65	90 65	78 60	76 51	83 51	86 55	85 58	85 53	87 58		79.2 56.0
BIRCH RIVER 6 55W	MAX																																
BRANGONVILLE	MAX	68 52	60	65 42	64	70 44	77 50	77 57	78 57	78 57	86 67	81 50	73 43	85 53	81	77 62	83	63 33	71 42	80	85 63	85 59	85 64	83 58	87 64	76	74 45	83 48	85 45	82 50	85 56		77.6 51.9
8LCKEYE	MAX MIN	67	67	67	74	77	73	76	77 56	86 58	86	85 52	84	83	79 58	85 57	83	79 41	80	89	90 61	89	91	89 65	82	84	87	93	92	90	92		82.5
CANAAN VALLEY	MAX	59	60	62	67	63	75	72	73	82	78	74	82	75	71	78	72	72	79	79	82	80	78	85	80	72	80	80	75	51 82	85		75.1
ELKIN5 WB AIRPORT	MAX.	60	66	38 63	71	35 77	75	74	78	86	83	76	84	82	78	84	65	73	81	85	86	86	82	55 88	77	74	83	40 85	81	85	85		78.4
FLAT TOP	M1N MAX	64	57	63	63	43 68	55 68	70	58 69	57 74	58 81	50 79	74	79	63 75	63 78	79	40 65	72	73	58 80	58 82	83	61 80	62 85	73	48 72	51 78	54 82	48 80	56 80		74.2
HCPEMONT	MAX	50 65	68	72	38	43 79	52 75	73	50 75	56 74	72	57 70	52 78	74	63 76	63 79	80	76	76	78	80	80	78	57 82	62 78	70	48 78	80	56 76	53 80	50 84		53.5 76.2
MC ROSS	MAX	59	47 67	52 66	72	50 75	49 72	74	73	55 85	84	60 83	52 83	83	80	84	74	36 77	48 78	85	62 83	88	85	62 85	66 86	76	50 83	46 86	54 86	54 85	60 88		79.5
OAK HILL	MIN	70	50 63	43 69	36	38 74	54 77	78	80	58 80	89	57 83	49 80	89	60	59	56	42	48	82	49 89	59 91	62 93	60 89	60 93	48 82	49 79	51 89	52 89	45 88	49 92		52.6
PAR50N5 1 5E	MIN	51 65	51 68	46 68	73	41 76	47 78	75	56 80	58 87	60 86	60 82	54 86	63	63	63 84	59 77	42 75	45 83	59	63 86	86	64 83	64 88	65 88	77	50 84	51 87	58 82	52 87	53 88		55.1 81.0
PICKEN5 1	MIN	54 61	63	60	40 68	46 73	58 72	73	59 75	58 82	62	54 84	48 81	68 78	63	65 80	54	42 72	45 77	65 82	67 83	60	80	62 84	65 75	57 71	80	52 82	51 79	50 82	58 83		76.3
R1CHW000	MIN	52	42 67	39	37	40	54 76	56	55 78	54	60	54	46	58	62 78	63	71	35	44	63	61	59 81	59	58	61	49 79	41	50	45 86	42	52		51.2 78.7
	MIN	53	51	43	36	39	57	57	52	57	58	56	48	60	59	59	57	39	47	60	60	60	61	59	60	51	48	51	50	46	50		52.8
RCWLE5BURG 1	MAX	54	70	67	43	48	80 57	76 56	60	60	63	82 55	87 48	62	65	85 65	75 54	75 42	83 46	66	90 69	62	86	63	65	78 54	52	88 54	83 51	50	60		81.8
SPRUCE KNOB	MAX	68 48	57 42	58 44	44	48	70 54	58	72 55	60	81 66	62	79 53	82 59	60	79 62	78 55	40	70 42	40	53	81 59	60	64	65	54	72 50	52	82 56	82 54	60		74.7
WEBSTER SPRINGS 1 E	MAX	68 55	7 I 4 9	70 40	49	80 48	78 58	57	57	92 60	88 65	89 60	88 59	91 66	84 64	63	77 59	79 42	85 49	64	90 63	88 65	65	87 64	80 54	88 50	88 54	92 52	88 54	92 52			84.3 56.4
SOUTHERN 05																																	
ATHENS CONCORO COLLEGE	MAX	68 49	65 52	65 45	73 39	71 41	74 56	70 56	75 51	85 59	83 65	83 56	82 56	84 63	82 63	83 61	81 59	76 44	77 56	85 60	86 60	87 63	85 61	84 62	85 63	78 51	78 50	85 54	87 56	85 51	85 54		79.6 55.2
SLUEFIELO FAA AIRPORT	MAX	63 54	65 52	65 50	72 49	74 55	75 60	72 60	77 59	84 65	82 67	78 62	82 65	78 67	80 65	81 65	70 57	75 51	79 63	83 65	84 67	85 68	84 65	86 65	76 63	77 55	79 57	84 58	83 62	81 62	83 65		77.9 60.6
BLUESTONE DAM	MAX	72 53	66 55	72 47	70 44	77 45	78 48	74 56	78 59	80 59	90 63	89 59	82 54	89 56	85 64	87 65	89 64	75 50	83 50	81 58	90 63	92 64	93 64	91 65	91 65	83 54	82 54	88 57	93 58	90 51	91 52		83.4 56.5
GARY	MAX	74 57	65 55	71 48	70 41	77 41	82 45	81 57	80 55	84 56	91 59	88 59	85 54	88 56	84 55	87 64	89 63	74 52	81 52	85 59	90 61	92 63	92 62	90 63	93 64	82 53	83 52	89 50	93 55	91 48	90 47		84.0 54.9
KCPPERSTON	MAX	66 52	70 49	70 48	75 39	72 45	79 54	75 59	84 57	88 60	88 61	82 58	86 54	85 64	84 62	86 64	80 59	80 46	80 56	88 60	89 64	90 62	89 63	91 63	84 65	79 52	88 51	90 55	89 55	89 52	89 54		82.8 56.1
LEWISHURG 2 55W	MAX M1N	69 55	64 53	68 45	74 38	74 44	75 56	76 56	75 56	86 59	86 63	85	82 54	83 61	84 61	85 72	84 61	79 42	80 54	87 60	91 61	91 65	90 64	90 63	83 66	83 52	86 54	91 53	90 59	87 50	91 53		82.3 56.2
PINEVILLE	MAX	76 52	65 54	73 49	73 44	80 45	85 46	84 54	81 58	86 58	90 62	91 59	87 55	90 54	88 64	89 66	90 61	77 49	85 51	85 62	91 62	93 63	93 64	94 65	96 66	84 55	85 52	92 54	93 56	91 50			86.0 56.1
UNION	MAX MIN	70 56	65 53	63	69 36	74 41	77 50	77 57	76 54	78 54	87 58	87 58	83 53	84 59	84 62	87 64	87 59	76 41	80	78 56	89 60	91 60	93 60	91 62	92 61			84 50	93 54	88 47	88 51		81.8 53.9
WHITE SULPHUR SPRINGS	MAX	71 51	67	70 48	73	77	73 54	74 58	80 57	89	89	87 55	86 50	84	85	87 60	87	82	82	89	92	93	92	93	88 62		87 50	95 50	95 53	90	91 50		84.5 54.0
*CRTHEASTERN 06																	•				•												
HERKELEY SPRINGS	MAX M1N	70 53	72 49	70 43		78 48	72 54	81 61		89 57		84 58	83 44	88	86 72	88		77 41	86 47	91 66	91 63	92 64	87 69	86 65	83 67	81 56	88 48	94 51	85 49	92 50			83.9 56.3

## DAILY TEMPERATURES

WEST VIRGINIA JUNE 1964

Continued																																1 107
E																Day	OI M	onth														90
Station		1	2	3	4	5	6	7	6	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	26	29	3D 3	Ave
FRANKLIN 2 NE	MAX M1N		65 48	66 41		74 41	76 55		81 55	89 55		80 57	83		80 58	86		77	83	63	90	60	62	60	88 63	79 52	84	90 51	81		92 53	81. 53.
HARPERS FERRY NAT MON	MAX	76 55	73 56	78 47	81 46	78 53	69 54	82 60	85 63	87 61	95 67	94 61	83 52	91 65	90 70	94 68	90	78 49	88 53	94 70	97 66	94	94 73	90 70	93	90	91 56	99	93 58	95 58	97 68	88.0
KEARNEYSVILLE 1 NW	MAX	74 54	5 A 5 2	72 45	73 41	78 50	77 58	74 56	80 60	83 58	87 67	92 60	79 47	82 60	88 66	86 67	90	70 46	77	86	93 65	93 66	92 70	8 8 6 5	84 68	87	80 51	89 55	96 54	85 52	92 65	82.0
KEYSER	MAX	57 46	70 48	70 48	76 40	75 49			83 49	90 61	91 65	88 58	86 48			90 59	90 55	81 42	85 46	89 65			93 63	91 67	87 65	76 53	84 51			90 55	90 61	83.
MARTINSBURG FAA AP	MAX	58 53	73 49	75 45	78 42	77 50	76 59	80 58	85 61	90 60	93 67	79 54	86 49	89 62	86 70	93	71 50	78 48	87 50	94 67	94 65	95 67	89 70	86 68	90 68	82 60	90 52	96 54	87 58		96 64	84.6 58.6
MATH1A5	MAX MIN	69 53	68	69 42	75 37	75 44	77 57	79 54	8 2 5 5	90 56	90 63	84 57	80 45	84 60	80 60	88 63	71 60	78 37	84	91 64	92 62	87 60	85 63	89 60	84 64	80 51	87 46	94 50	83		92 54	82. 53.
MCOREFIFLO MCNEILL	MAX	74 55	71	71 47	78 35	79 43	77 57	80 56	86 56	93 58	93 59	89 55	86 44	88 61	87 59	89 63	82 60	77 37	84 43	93 64	95 65	93 59	9 2 65	93	88 63	86 58	90	96 46	93 45	94	96 54	86.6
ONP5	MAX MIN		75 41	70 45		77 43	67 53		8 1 5 5	82 56		92 56	81	7 g 5 4	87 61	86 66	89 62	70 45	77 47	86	92 56	94 64	92 68	90 67	86 65	85 59	80 52	89 56	94 52		92 58	82.1 54.
PETERSBURG	MAX MIN	72 55	7 I 4 9	71	78 41	80 48	78 50	80 52	85 60	93 62	93 66	8 9 5 9	86 49	85 70	86 66	92 66	74 61	79 42	87 49	95 68	95 68	92 62	91 67	93 64	86 70	84	90 48	96 52	89	94 50	96 59	86.0
PIEOMONT	MAX M1N	70 54	55 44	67 46	68 45	73 51	74 50	66 58	79 58	8 2 6 I	90 68	86 55	80 51	80 59	84 62	83 67	87 52	66	76 49	85 52	89 68	89 70	89 68	85 68	90 68	81 56	80 56	86 57	90 52		91 65	80.3
RCMNEY 3 NNE	MAX MIN	70 54	7 I 4 7	69	76 39	78 46	75 56	80 58	83 62	92 59	91 60	85 58	85 46	86 61	86 64	89 64	81	79 39	83 45	91 56	92 65	93 62	8 8 6 8	89 64	86 65	83 58	8 9 4 9	94 48	85 51		94 58	84.5
WARDENSVILLE R M FARM	MAX	73 52	60 51	69 43	71 39	77 46	78 52	77 56	80 58	84 58		90 59	80 47	83 54	67 62	84 64	90	71 40		8 1 5 3	93 65	93 62	92 66	8 7 6 4	91 66	86 59	81 48	89 51	95 51		92 58	82.5

## EVAPORATION AND WIND

Stallon																Day	Of M	onth															g. G
Station		1	2	3	4	5	6	7	6	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	26	29	30	31	Total or Avg.
NORTH CENTRAL 02																																	
CLARKSBURG 1	EVAP WINO				.29 67	.08 40	·15	.13 34	•13 49	.19 47	.23 108	.30 58	.16 46	.15 63	.04 26	.40 73	• 10 78	• 22 42	·17	.08 67	.35 59	•10 47	·19	•17 36	·22	• 22 42	. 20 38	.33 46	· 22	.08 34	•28 35		5.30 1519
SUTTON RESERVOIR	EVAP WINO																																5.89 1109
SCUTHWESTERN 03																																	
HOGSETT GALLIPOLIS DAM	EVAP W1N0																																6.97B 1369
SCUTHERN 05																																	
BLUESTONE OAM	EVAP WIND MAX MIN	16 73	67	28. 75	37 76	20 86	80	16	23 81	22 83	37 94	39 91	93	92	41 90	43	56 92	40 85	91	21 83	37 96	98	33 98	35	33 95	25 87	32 91	29 95	34 96	26 96	.31 33 94 58		5.77 925 87.9 6D.4
NORTHEASTERN 06																					,												
WAROENSVILLE R M FARM	EVAP WIND MAX MIN		.05	-18	- 19	•22	.18	•11	.09	.16	.21	.37	.27	.20	.17	.09 33 83 67	.23 50 91 52	55 99	25 91	28	70 96	59 95	36 95	35 93	3D 93	74	.27 35 91 56	25 95	3 8 9 5	32 91	.25 25 97 61		6.328

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h		Relat	ive hum	idity av	erages -		Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1:00 AM EST	7:00 AM EST	1:00 PM EST	7:00 PM EST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to si
BECKLEY WB AIRPORT	24	5	7.5	28++	29	18	84	84	53	61	5	6	1	2	0	0	14	_	6.7
CHARLESTON WB AIRPORT	22	11	5.7	35++	28	15	86	86	52	56	2	3	4	1	2	0	12	-	5.8
ELKINS WB AIRPORT	25	5	5.2	35++	36	20	96	93	56	66	3	4	7	3	0	0	17~		6.9
HUNTINGTON WB AIRPORT	18	6	5.5	20++	24	15	85	91	5.5	59	3	2	9	0	0	0	14	-	5.7
PARKERSBURG WB CITY	-	-	6.1	28	SW	23	-	-	-	-	3	5	5	2	1	0	16	58	-

## CLIMATOLOGICAL DATA

WEST VIRGINIA DELAYED DATA

				Теп	perot	ure										Precip	pitotion					
											No. of D	Doys					Sno	w, Sleet			No. o	f Doys
Station	Average	Average	Average	Deporture From Normal	Highest	Dote	Lowest	Date	Degree Days	5 0 %			Totol	Deporture From Normol	Greotest Doy	Dote	Totol	Max. Depth on Ground	Dote	.10 or More	.50 or Mare	1,00 or More
DECEMBER 1963 WEST UNION JANUARY 1964	32.9	15.4	24.2		59	7	- 8	22	1259	0	16	31 5	1.41		•40	23	11.7	6	24+	- 5	0	0
HUNTINGTON FED BLDG	46.9	26.7	36.8	- 0.8	69	22	8	14	865	0	5	23 0										

### DAILY PRECIPITATION

Station	tal			-										Day	of N	lonth			_						_							
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DECEMBER 1963																																
WEST UNION	1.41	T	.08						.27	•15	• 03		.25			T	T		.15	Т				.40	• 04			.04	T			
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## DAILY TEMPERATURES

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STONY RIVER OAM SUMMERSVILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART OAM UNION VALLEY BEND VALLEY HEAD	8536 04 GRANT 8608 04 NICHOLAS 8662 02 BRAXTON 8782 04 PRESTON 8807 04 TUCKER 9924 03 MASON 9986 02 TAYLOR 9011 05 MONROE 9068 04 RANOOLPH 9086 04 RANOOLPH	9 39 08 4 36 17 4 38 39 2 39 27 2 39 09 4 36 41 10 39 19 7 37 36 10 36 46 10 38 33	79 33 79 30 81 50 80 02 80 32 79 56 80 02	3400 1930 655 2567 3010 630 1200 1975 2010 2425	74 74 74 74 74 74 74	A 7A C	FREO C. BECKER CHARLES F. GUMB CORPS OF ENGINEES CHARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS. THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER										
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<sup>\$ 1 -</sup> BIG SANDT; 2 - CREAT; 3 - GUYANDOT; 4 - KANAWBA; 5 - LITTLE KANAWBA; 6 - MONONGARELA; 7 - NEW; 8 - DRIO; 9 - POTOMAC; 10 - TYGART; 11 - YOUGBIOGBERY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist, Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506, or to any Weather Bureau Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin sre: Temperature in "F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°F. In "Supplemental Data" table directions entered in figures are tens of degrees.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and falt stations. For these stations snow on ground values are at 7:00 arm., E.S.T. Data in the "Extremes" table, "Daily Percipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hourse ending at time of observation.

EVAPORATION Is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfsll and Snow on Ground" table are the water equivalent of anow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index,
  - No record in the "Climstological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates
- ## Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown,
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall,
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month,
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soll Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table,
- SS This entry in time of observation column in Station Index means observation made near sunset
- VAR This entry in time of observation column in Station Index means variable.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building,

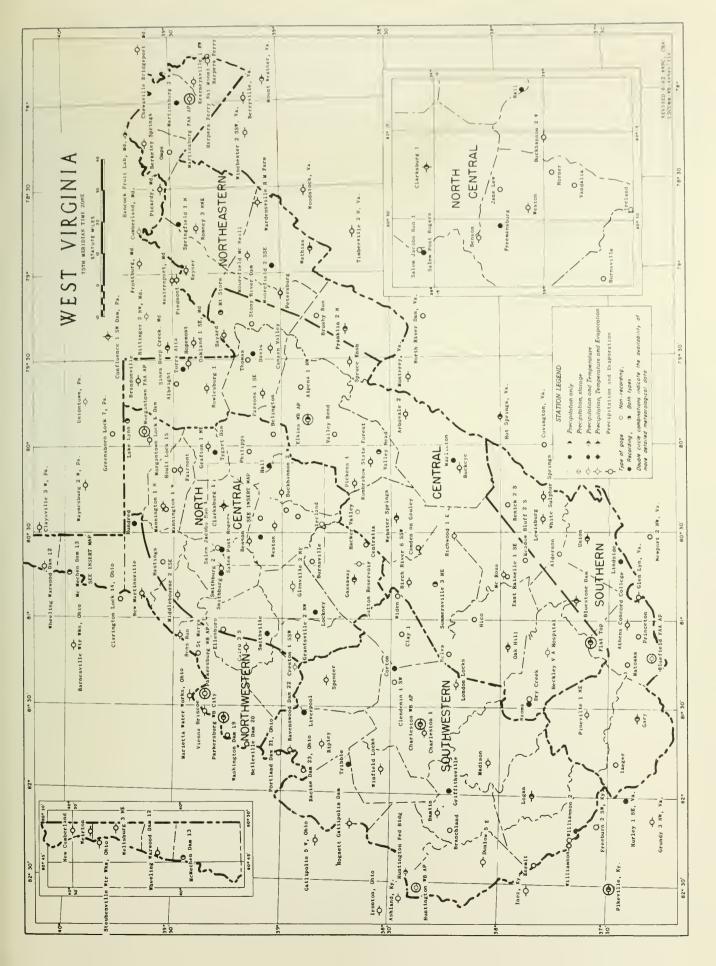
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402,

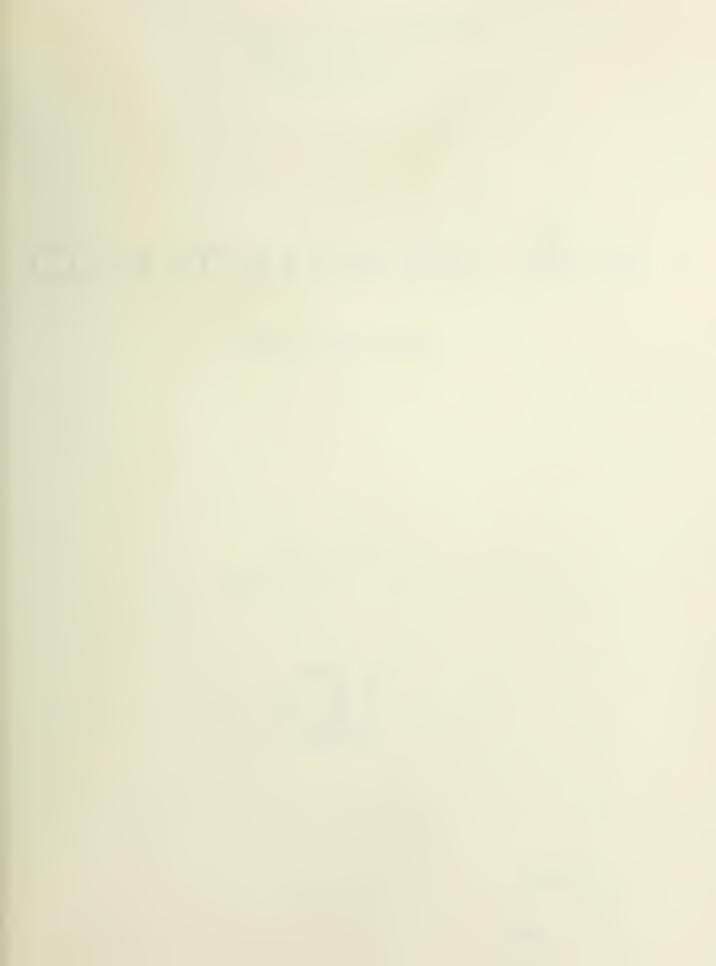
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents, Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402,

USCOMM-WB-Asheville, N. C.-8/14/64-725









WE

# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

JULY 1964 Volume 72 No. 7



THE LIBRARY OF THE SEP 30 1964 UNIVERSITY OF ILLUMOUS

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 27th at Benson

Lowest Temperature: 32° on the 7th at Canaan Valley

Greatest Total Precipitation: 8,50 inches at Hacker Valley

Least Total Precipitation: 1.33 inches at Mathias

Greatest One-Day Precipitation: 4.10 inches on the 13th at Harpers Ferry Nat Mon

### SPECIAL WEATHER SUMMARY

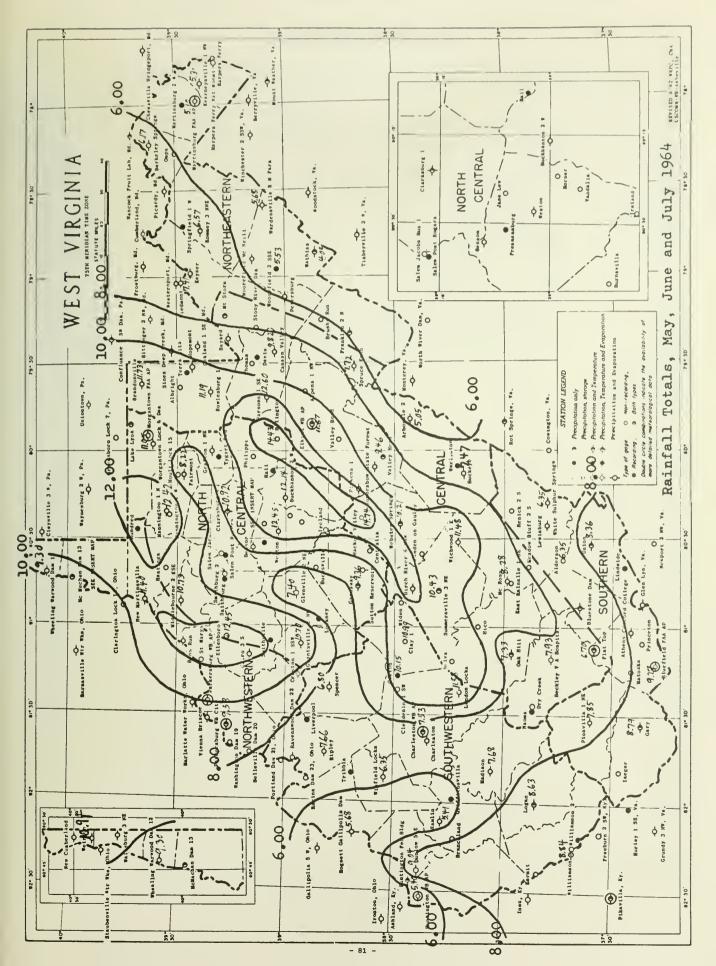
Temperaturewise, July was fairly cool and comfortable the first 16 days. The 7th of July brought a new record low of 42 degrees F. to Elkins while Canaan Valley had a cold 32 degrees F. After a gradual warmup, typical hot muggy midsummer weather returned on the 17th and started the longest heat wave of the summer. Parkersburg had 12 consecutive days above 90 degrees F.; this has only been exceeded in 1930 and 1940 in its 76 years on record. On July 30 this heat wave was finally broken by violent cold frontal thunderstorms which pushed their way across the State.

The relatively dry weather throughout the month proved detrimental to many crops, especially in the Eastern Panhandle and in the southwestern part of the State. Rainfall in Charleston was the least recorded for July since 1924. At the end of the month rainfall was badly needed statewide, according to the Statistical Reporting Service (U. S. Dept. of Agriculture). The overall rainfall picture is best shown on the accompanying map, which gives the totals in inches for the months of May, June, and

July. The greatest totals were received over the western approaches to the Allegheny mountains. Belington's 14.43-inch total is still about 1/2 inch below its average. Small areas in the Northwestern and North-central climatic divisions had over 12 inches, but Mannington's total was still about 2-1/2 inches below its 30-year normal. In the east, Martinsburg was 5-1/2 inches below its normal. Elsewhere, Gary was 4 inches below while Hogsett Gallipolis Dam on the Ohio River was 6 inches below its 30-year normal.

Streamflow was deficient throughout the month and the U. S. Geological Survey reported their observation well at Glenville dropped to its lowest July recording in 10 years.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506



				Ter	nper	ature											Preci	pitation					
										N	o. of	Days						Sno	w, Sleet		N	o. of 1	Days
Station	e m	. H	9	Departure From Normal					Days	Ma	x.	Mir	a.		Departure From Normal	ıl Day			thun		More	More	or More
	Average	Average Minimum	Average	eparti	Highest	Date	Lowest	Date	Dеgree	or bove	32° or Below	low	low	Total	eparh rom N	Greatest	Date	Total	Max. Depth on Ground	Date	ㅂ	.50 or P	1.00 or
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GASDAWAY GLENVILLE GRANTSVILLE 2 NW MANNINGTON 1 N MIDDLEBOURNE 2 ESE	85.9 87.0 88.2 86.0 85.9	61.5 60.8 60.8 59.2 62.4	73.7 73.9 74.5 72.6 74.2	- 1.8	94 95 93	28+ 29+ 25+ 27	49 50 47 50	6+ 6+ 7+ 5	0 1 0 2 0	9 15 16 12 13	00000	0 0 0 0	0 0 0 0	4.08 2.86 5.53 3.17 2.58	- 2.47 - 1.89 - 2.30	1.55 .97 1.40 .88 .72	30 26 29	•0 •0 •0 •0	0 0 0 0		8 8 6 6 5	3 2 6 3 3	1 0 2 0 0
MORGANTOWN FAA AIRPORT MORGANTOWN L AND D WESTON WEST UNION	82.3 85.1 86.5 85.4	62.7 61.3 60.7 61.4	72.5 73.2 73.6 73.4	= 1.5	93 95	27 28+ 28 27+	52 50 50 49	7+ 5 7+ 5	1 1 1	2 10 14 11	0 0 0	0 0 0 0	0 0 0 0	3.91 3.59 5.70 2.50	60 .24	1.27 .87 1.10 .62	20	.0 .0	0 0 0		8 6 12 7	2 4 2	1 0 2 0
DIVISION			73.0	9										3,75	- 1.17			•0					
SOUTHWESTERN 03																							
CHARLESTON WB AP R CHARLESTON 1 CORTON DUNLOW 5 E HAMLIN	86.4 87.6 87.5 85.2 87.8M	63.6 65.1 61.4 61.8 60.2M	75.0 76.4 74.5 73.5 74.0M	.1	95 96 91	28 29 • 23 23 • 28 •	51 53 48 51 46	6 5 5 6	0 0 0	11 14 11 6 15	00000	0 0 0 0	00000	2.76 3.71 5.17 4.44 5.93	- 2.91 - 1.79	1.19 1.20 1.45 1.28 3.50	13 9 12	•0 •0 •0 •0	00000		6 9 6 9 6	1 3 5 2 2	1 1 2 2 2
MOGSETT GALLIPOLIS DAM MUNTINGTON FED BLDG MUNTINGTON WB AIRPORT LOGAN LONDON LOCKS	88.3 M 87.3 89.3 87.9	61.5 M 64.7 63.5 64.6	74.9 M 76.0 76.4 76.3	.8	97 95 96 96	23 29+	50 51 54 55	6+ 7+ 7	0 0 0	13 18 14	0 0 0 0 0	0 0 0 0	0 0 0 0	1.83 2.18 2.74 6.50	= 2.31 = 2.32 = 2.19	.81 1.02 1.54 2.05	12	.0 .0 .0	00000		4 558	1 1 1 5	0 1 1 3
MADISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER	87.4 88.9 89.0 89.6 86.5	63.5 61.1 62.9 62.1 60.4	75.5 75.0 76.0 75.9 73.5	.5	96 96	29 25 25 26+ 27+	51 47 50 48 46	6 5 6 6 5	0 0	13 15 16 17 11	00000	0 0 0 0	00000	3.30 2.67 5.80 3.23 3.38	1.36	1.53 1.21 1.68 .55 1.16	29 30 29	•0 •0 •0 •0	0 0 0 0		8 5 8 9 7	2 5 3 2	1 1 0 1
WAYNE 2 WILLIAMSON WINFIELD LOCK5	90.3 87.8	64.7 63.8	77.5 75.8	1	96 96		54 53	6+ 7+	0	19 15	0 0	0 0	0	4.09 2.58	99 - 1.91	1.23 .68		•0	0		11	2	1 0
DIVISION CENTRAL 04			75.4	6										3.77	- 1.16			•0					
ARBOVALE 2 BAYARD BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	82.5 79.5 80.8 80.1	51.7 53.5 56.4 57.6	67.1 66.5 68.6 68.9	4	87 87	28+ 28 17 28	37 38 42 46	6 7 6 6+	26 33 16 8	0 0 0	0 0 0 0	0000	0000	1.75 4.03 4.98 2.98	- 2.86 77 17	.86 .88 1.15 1.07	22	.0 .0 .0	0 0 0		10 8 7	2 2 5 2	0 0 1 1
BRANDONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	80.9 84.1 76.5 80.7 76.1	55.8 56.2 50.1 56.4 56.2	68.4 70.2 63.3 68.6 66.2	= 1.5 = 1.3	90 82 89	29 28 28+ 28+ 29	42 40 32 42 42	6 7 7 7 6	29 8 71 23 37	1 0 0 0	00000	0 0 1 0 0	00000	3.75 3.94 3.50 5.19 2.90	30 - 1.95	.97 .83 .98 .89	13+ 22 8	.0 .0 .0	00000		8 10 10 8 6	4 1 6 1	0 0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	79.0 81.4 84.3M 83.2 77.1	54.4 56.5 58.4M 58.4 54.0	66.7 69.0 71.4M 70.8 65.6		93 90	28 28 1 28+ 28	40 42 46 46 42	7+ 6 6 7 6+	41 9 5 5 42	0 0 4 3 0	0 0 0 0	0 0 0 0	00000	4.15 4.27 4.21 4.39 6.37		1.61 .71 1.37 1.02 1.43	12 13 12	.0 .0 .0	0 0 0 0		6 11 8 10 14	3 2 4 4	2 0 2 1 1
RICHWOOD ROWLESBURG 1 SPRICE KNOB WEBSTER SPRINGS 1 E	81.9 84.3 78.8 85.6	55.6 60.3 58.4 58.6	68.8 72.3 68.6 72.1	6	87	27	41 47 50 47	6 7 6+ 7+	20 0 18 0	0 5 0 6	0000	0 0 0 0	0 0 0 0	5.52 4.37 3.85 5.29	- 1.36	1.42 1.85 1.20 1.64	2 13	•0	0000		11 8 10 12	5 3 2 2	1 1 1
DIVISION SOUTHERN 05			00,5	0										,,,,	- 1,50								
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM	81.4 78.4 85.9	58.5 60.3 60.7	70.0 69.4 73.3			29 28+ 29	45 50 50	6 5 7+	10 5 0	0 0 8	0 0 0	0 0 0	0 0 0	3.70 4.92 1.70		.63 1.85 .44	19	•0	0 0 0		11 5 6	3 4 0	0 2 0
										1							I	1			1 1	1	

#### Continued

			Temperat	uro				Precip	olitation	
						No. of Days			Snow, Sleet	No. of Doys
Station	Average Maximum Average Minimum	Average	From Normal	Date	Date Degree Days	Max. Min.	Total Departure From Normal	Greatest Day	Total Max. Depth on Ground Date	.10 or More .50 or More
GARY //R KOPPERSTON LEWISBURG 2 SSW PINEVILLE UNION	86.0 58.0 83.3 60.0 83.4 58.6 86.5 60.2 83.4 56.3	71.7 71.0 73.4	89	28+ 47 28+ 48 3+ 45 29+ 49 1 42	7 · 6 · 6 · 6 · 6 · 6 · 6 · 11	8 0 0 0	4.67	1.01 23 .73 12 2.30 27 1.13 2 1.54 13	.0 0 .0 0 .0 0	10 4 1 11 2 0 10 2 1 11 4 1 10 4 1
wHITE SULPHUR SPRINGS DIVISION NORTHEASTERN 06	86.7 57.6	72.2 -	.3 93 1	12+ 41	6 4	8 0 0 0	3,4484	1.17 13	•0	7 2 1
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	87.6 61.0 83.1 57.4 90.4 65.4 86.3 62.8 86.5M 60.7	74.3 70.3 77.9 74.6 73.6M	94 92 97 97	8 44	6 6	20 0 0 0	1.91 5.00 2.9963	1.17 12 1.07 12 4.10 13 2.00 13 1.05 12	.0 0 .0 0 .0 0	3 3 1 5 1 1 3 2 1 4 2 1 6 2 1
MARTINSBURG FAA AP MATHIAS MODREFIELD MCNEILL OMPS PETERSBURG	87.6 63.5 85.7 56.9 89.6 57.1 87.9 60.7 89.3 61.0	75.6 71.3 73.4 74.3 75.2		9 50	7+ 0		2.70	2.18 12 .86 12 .75 29 1.20 13 1.25 13	.0 0 .0 0 .0 0 .0 0	2 1 1 3 1 0 7 2 0 2 1 1 7 2 1
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	84.9 61.8 88.5 59.5 86.1M 59.5			21 49 19 45 1 47	6 (	7 0 0 0 0 14 0 0 0 1 11 0 0 0	2.93	2.40 13 .91 22 .62 13	• 0 0 • 0 0 • 0 0	6 1 1 5 3 0 5 2 0
DIVISION		73.9 -	•1				2.68 - 1.02		•0	

	-	-												Dav	of M	onth									-		-				JULY	1964
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN 01 BELLEVILLE CAM 20 BENS RUN 1 55E CAIRO 3 5 CRESTON 1 SSW ELLENBORO	5.49 3.51 4.32	Ť		, 1	.52 .21 .57				.20 .05	.12	1.36	•	.60	.47 T 1.04	•		.06		Ť	.27	- T	.10 - .17 T	•02	- T	.42		- T	.32	60	.57 -32 .27 .32	.85	-
MC MECHEN DAM 15 MOUNDSVILLE NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURG FAA AR	2.98 5.28 5.54 3.92 5.77	T	.47	.85	.59 .22 .07 .40	т		Ť	.15 .58 .28	1.33 .54	.05 .10 1.24		1.05 2.08 .97	1.76 .34 .12 T		.01 .02	•45 •53				Ť	. 25	•03		. 34		.52 T	•02	.12 T	.17 .19 .34 .35		
PARKERSBURG WB CITY R ST MARYS WASHINGTON DAM 19 WEIRTON WELLSBURG 5 NE WHEELING WARWOOD DM 12	5.60 3.15 3.52 4.73 5.89		*	.18	.03 .72 .08 .05 .06			T	.52 .21	.48 .58 T .26 .10	.04 .54 .25		.60 .44 1.95 1.25	.49 .05 .50	.09	.07 .23	.03 .33			Ť	.05	T +85	•11 •01 1•15		.52		1.10 T	т	.14	1.06 .42 2.57 .05 .09	•25	
NORTH CENTRAL 02 BELINGTON	5.70		.01	.06	.04	.09			.24	.58	.75			.84	.01				7			0.4	.30									
BENSON BUCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	4.51 4.56 5.65 4.52		.06 .06 .24	.58	.27 .07 .15	.01	.05		.12 .24 .05 .07	.73 .05 .16	.04		.68	.84 .38 1.20 1.32	.03	.06	T •06	Ť	,	•09	.32	.88	.25 .02 .49	.06 .01 .03				.73			.14 .51 .47 1.62 1.23	
CLARKSBURG I FAIRMONT GASSAWAY GLENVILLE GRANTSVILLE 2 NW	5.77 2.07 4.08 2.86 5.55	Ť	.04 .12	• 24 T	.29 .21 .15 .53				.15 .03 .05	1.58 .05 1.55 .05 1.52	.11	τ	1.02 .83 .69	•15 •39 •64	.02						.10	•02	.18	.04			.06 1.40	.16		.70 .44 .63	.28 .97 .60	
MASTINGS HORNER HOULT LOCK 15 IRELAND JANE LEW	4.26 2.45 2.18 6.42 4.29		.10 .94 .15	•75	.65 .53 .70 .12 1.52				.02 T .10	.15 .19 .05	.02	•40	.25 .84 .62 .85	.25 .94 .38 .36	.03		<sub>0</sub> 28			.01	.29	•16 •02	.40	.58				1		.12 .10	.39	
LAKE LYNN MANNINGTON 1 N MANNINGTON 1 W MIDDLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT	3.95 5.17 2.59 2.58 5.91	Ť	.02 T T	.07	.23 .48 .48 .57	.08			.05 .60 .04 .01	.06 .03 .39 .34 .29	.08		.72 .64	.76		.46	.21 .04 .08 .21						.09	T			.30	.08	•02	.86 T .04 1.27	.74 .19 .73 .67	
HORGANTOWN L AND D RMILIPPI SUTTON RESERVOIR VANDALIA WESTON WEST UNION	5.59 4.54 5.66 5.25 5.70 2.50		T T .05 .50 .39	.01 .10 .48 .26	.57 .51 .06 .06 .20	.01 .06 .04	T		.07 .68 .02 .17 .16	.07 .40 .05 .27 .10	.70	.02 T	, 87 .36	1.06	.01 T		.46 .14	.45 T			7 .05 .59 1.10	.11 .35	.04 .07 .02	.03 .01 .08 .51	.07			.02	.16	1.48	.86 .49 1.23 .17 .93	
SOUTHWESTERN 05 BRANCHLAND CHARLESTON WB AP R CHARLESTON 1 CLAY 1 CLENDENIN 1 SW	5.11 2.76 5.71 5.36 3.72		.05 .01 .15	.11	.04 .52 .25 .28	.06 .02 .09		.01	.47 .22 .10 .05	.01 .45	.49 .09 .43		.25 1.19 .12 .20	.90 T 1.20 1.30 1.23	T		•01	•11			Ť	.01	T .84	Ť	.20	.27	.16	Ì	.52 .08	.10 .25 .14	.01 .74 .77	
CORTON DUNLOW 5 E MANLIN HOGSETT GALLIROLIS DAM HUNTINGTON FED BLDG	5.17 4.44 5.95 1.85		† •02 †	1.10 T	.05 .4A			T .46	.40 .31 T .15	1.45 .12 .53	.30	7 -	.75 1.28 1.00	.12	-					•04	* <sup>02</sup>	T .06	.01 .05		.12	1.20		3.50 47	.06 .36 T	.79 .52 .05	•05	
MUNTINGTON WB AIRPORT KERMIT LOGAN LONDON LOCKS MADISON	2.18 4.55 2.74 6.50 5.50		.40 .01 1.12 .14	. 05	.01 .21 .25 .91	•15 •18		•40	.02 .18 .18 .10	•21 T •71	7 .20 .07 2.05 .01	Ť	.08	3.25 1.54 1.17 1.55	•02				.03	T	.02 .04	.02	.02 .35	.10 .02		.03	Ť	T	.52	† *06	•15 •09 •32 •05	
POINT RLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	2.67 5.80 3.25 5.58	Ť	Ţ	1	.51 .85 .22 .58	Ţ		7	.04 .02 .05 T	.02 .50	.01 .44 .22 .61		.50	045				Ţ	T T	.01	T .	.80 T T	.15	ŢŢ	.41	T 58	.26 T	. 25	.29 .56 .18	1.21 .16 .55	T 1.68 .45 .45	
WIDEN WILLIAMSON WILLIAMSON 2 WIMFIELD LOCKS CENTRAL 04	4.09 4.09 4.00 2.38		.05		.14 .20 .24	.20 .06			.05 .19	.04 .21	.54 .50 .21		.93 .03	.45	1.27			•09	•11 •10	.68	•25 •43	.26	.06 1.23 .80 .23	•14		•17 •42	.26 T	.16	.47	.06 .25	•78 •10	
ALBRIGHT ALPENA 1 NW ARBOVALE 2 BAYARD BECKLEY V A MOSRITAL	2.21 6.52 1.75 4.03 4.98		.55 1.25 .02 .58 1.15	T	*07 T	.04 .15 T T			.18 .33 .02 .54	•15 •65 •08	.12 .75 .11 .74	.20	.10	.86 .66 .86 .48	.02 .04				• 1		.08 .12 .07	.02	.42 .88 .12	T •46			.55	•04	.05 1.65	•22	•19 •24 •07 •20 •77	
BECKLEY WB AP BELVA BIRCH RIVER 6 53W BRANOONVILLE BUCKEYE	2.98 4.09 5.75 3.94	•	. T .75	.01	*15 T	.14 T T		-	•17 •07 •22 •15	.04 .17 .08 .07	1.17 .25	. 83	1.07	7 1.15 .97 .85	•	-	.33	•	•	• 05	•57 •	.07	.15	.03 .18 .05	-60		T - .55	.01 T	-	.15	.01 .16 .53	
CAMDEN ON GAULEY CANAAN VALLEY DRY CREEK EAST RAINELLE 5 NNE ELKINS WB AIRPORT	4.58 3.50 4.10 5.97 5.19		.47 .57 .59 .37	T T .01	.01 .17 .05 T	.15 .16 .15			.26 .12 .17	.05 T .09 .43	.07 .58 .11 .84	.75	.45 .07	1.37	.01	. 25		•02		T T	•12 •15 •05 •02	.93 .08 .08	.53 .98 .31	.23 .05 .06 .03		.02	.12 .37	.76. T .08 .05.	.02	.05 .03	.47 .05 .45 .30	
FLAT TOP MACKER VALLEY MICO HOPEMONT MC ROSS	2.90 8.50 5.65 4.15 4.27		.43 1.10 .14 1.61	.03	.02 .10	.08 .08 .24 .10			.08 .11 .11 .50	.09	.58 .13 .41	.03 .10	.10 T	.49 1.10 .69 1.19	.04 .01				•09	T •09	.28	.76 2.64 .07 .05	•62 •12 •04	.07 .43 .18 .72	.16	.14	T	• 09	.86	.52	**************************************	
MT STORM OAK MILL PARSONS 1 SE PICKENS 1° RICHWOOD	2.57 4.21 4.39 6.37 5.52		.50 .50 .20 .53	Ť	.06 .02 .12 .05	.22			.32 .12 .26 .17	.06	.15 1.08	.15	1.02	1.42 1.37 .02 .82	•06	•36	.01		T T	•16	† •35 •20	.05 .68 .46	.61 .28	7 .51 .04 .99	.12	•12		.07	.05	•02	.18 .27 .05 .30	
ROWLESBURG 1 SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE TMOMAS	4.37 5.85 3.42 4.64 2.91		1.85 .08 .53 .59			.05			.33 .04 .23 .12	.10 .22 .05	.17 .29 .43 .26		.16	.72	T .05		•04		.82	•11	.03 .06	.17 .26	.40 1.55	.60 .14 .23 .12	.07	.06	. 24	.10	•12	† •11 •29 •09	.55 .48 .16	
VALLEY BEND VALLEY MEAD WEDSTER SPRINGS 1 E SOUTHERN 05	4.36 4.18 5.29		.65 .02 .52	.10	.08 .03 .12	.10 .05 .15			•32 •08	.34	.35 .23 .32	•10 •14	.07 .17 1.64	.75	T T • 04				.16 .18 .07	•58		.12 1.04 .39	.67 .01	•03 •16		.15	.05	•45	.28	.16	•52 •48 •36	
ALDERSON ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM //R	5.50 5.70 4.92 1.70 5.88	T	.11 .10 T .11	T T T	.08 .15	.13 .06 .07		†	.06 .01 .10	T .07	.09 .04 .08	•51	.56 .55	.44	Ť				.02 .01 .36	.14 .33 1.85	•11 1•48 •13	.40 .03 T	.65 .17 T .04	.61 .01	.11 T	Ť	Ť	•59°		.43 .57	.23 .63 .07 .37	•15

## DAILY PRECIPITATION

								L	A	Ш	Y	PR	E		PI.	ľA.	TT	OL	1											et 5.1	vin.	19:1A
Continued																															JULY	
Station	Total																29	30	31													
1AEGER KOPPERSTON LEWISDURG 2 35W NATOAKA PIMEVILLE	4,56 3,17 4,67 4,15 3,92	T	.04 .06	.15	•10 •29 •11	.10		1	.10	*12	.65	. 1	.19 .71 .63	.66				. 57	.61	.18 .17		·12	.96	.03	.75	+27	.10	2.30		.30	.75 1.30 .10	.03
PRINCETON REMICK 2 S UNION WHITE SULPHUR SPRINGS	3.18 3.27 5.74 3.44		.07 .20 .11	.01 .23 .10	T T	.05 .24 .10			12 .02 .03	.06	.02 .20 .85	.45	.05	.46 .96 1.54 1.17					. 33		1.17		+02 +04	.22 .42	.03			.80		# O #	.46 .41 .43 .85	т :
NORTHEASTERN OB BERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 ME MARPERS FERRY MARPERS FERRY NAT MON	2.46 2.64 1.61 4.02 5.00		•16 •02		.01				.25	.05 .02 .03			1.17	1.42		.13			.01			.03		.04			.07	.40 .10	.40	.02 T	.04	•
KEORMEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL	2,68 2,63 2,54 1,33 2,70	10.	.92		T T				.28 .48 .36 .19	*20 T			2.16			.91		Ŧ				.05	T 12			T	T . 18	.11 .07 .12		Ť		•
OMPS PETERSBURG PIEOMONT ROMMEY 3 NNE WARDENSVILLE R M FARM	1.57 2.61 3.52 2.63 2.02		.10	.06	*12 *01 *06 T		.12		.20 .28 .05	.28 .25 .14 .07	. 62	.29		1.25 2.40 .55					.16		.39	Į)	.30	.26				.01 .02	.09	.25 .64 .02	.10	•

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND Season of 1963 - 1964

WEST VIRGINIA

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
NORTHWESTERN 01														
BELLEVILLE DAM 20	SNOWFALL 1 IN ON GO					Т	8.1	13.0	9•4	1.0	T			31.5 28
BENS RUN 1 SSE	SNOWFALL 1 IN ON GD					-	-	_	-	2				-
CAIRO 3 S	SNOWFALL 1 IN ON GO					- 2	- 18	_ 13	15	1.0 I				49
CRESTON 1 SSW	SNOWFALL 1 IN ON GD					-	1D.3 13	13.0	13.0 15	3.0	Т			-
ELLENBORO	SNOWFALL I IN ON GD					2 • D	10.9	12.3	13.4 15	1.8				40.4
MC MECHEN OAM 13	SNOWFALL 1 IN ON GO						10.0	- 1D	10	• 9	•1			38
MOUNDSVILLE	SNOWFALL 1 IN ON GD					-	10.6	13.2 11	10.0	2.0				=
NEW CUMBERLAND	SNOWFALL 1 IN ON GD					-	9.5 23	14.5 12	- 8	*2.8 3	т			46
NEW MARTINSVILLE	SNOWFALL 1 IN ON GO					т	11.9	13.6	9.7 15	3.0 1	т			38.2
PARKERSBURG FAA AP	SNOWFALL 1 IN ON GD					4 • D	8 • 2 14	I1.0 10	4.7	T	T			27.9
PARKERSBURG WB CITY	SNOWFALL 1 IN ON GO				т	• 3	8+1 12	12.0	8.5	1.3	т			30.2
ST MARYS	SNOWFALL 1 IN ON GD					т	5.5	12.0 1D	-	1.0				-
WASHINGTON OAM 19	SNOWFALL 1 IN ON GD					-	_ 14	- 10	5.0					_
WEIRTON	SNOWFALL					2 • D	12.6	16.D	13.1	3.5	т			47+2
WELLSBURG 3 NE	1 IN ON GD					-	10.5	14.0	8 8.D	1 T	т			-
WHEELING WARWOOD DM 12	1 IN ON GD SNOWFALL					• 4	23	13	10	1.0	т			46
NORTH CENTRAL 02	1 IN ON GO						21	11	12	2				46
BELINGTON	SNOWFALL 1 IN ON GO					6+0 1	19•5 26	17.5 15	39.5 22	4 • 5 5	3 • 0 1			90.0
BENSON	SNOWFALL 1 IN ON GO					-	11.5	- 10	-	3.0				-
BUCKHANNON 2 W	SNOWFALL 1 IN ON GO				Т	4+5 3	18.9	16.1	36.8 20	3 • 2	•7			80.2
BURNSVILLE	SNOWFALL 1 IN ON GO					6.0	20.0	19.0 11	27.0 19	6.0	1.0			79•0 57
CENTRALIA 2 NNW	SNOWFALL 1 1N ON GD					6+0	14.8	13.7	30.0	3.7	1.0			69.2
CLARKSBURG I	SNOWFALL 1 IN ON GD					1.0	12.D 16	11.5	23.5	2.0	т			5D•D
FAIRMONT	SNOWFALL 1 IN ON GD				Т	4.0	16.5	2D.5 14	28.9	5 • 8 4				75•7 61
GASSAWAY	SNOWFALL 1 1N ON GO					2.7	10.4	16.8	24.9	3.5	•5			58.8
GLENVILLE	SNOWFALL			8		1 • D	_	17.0	23.0	5+0	• 2 1			-
GRAFTON 1 NE	1 IN ON GO SNOWFALL I IN ON GD					4.D	13.5	17	-	-			=	-
GRANTSVILLE 2 NW	SNOWFALL					-	23 - -	12.0	_	3.0				-
HASTINGS	1 IN ON GO					T	16.0	13.D	18.D	1 2•D	т			49•D
HORNER	1 IN ON GD						17 13•5	8.0	12	. 1 3.0	•5			40
HOULT LOCK 15	1 IN ON GD					2 T	9.0	14.0	21.0	1	1			44.0
IRELANO	1 IN ON GD					-	18	14	16 17•0	1 -				49
JANE LEW	1 IN ON GD SNOWFALL					т	13.4	14.0	16.7	т				44.1
LAKE LYNN	I IN ON GD					•5	17	12 19•5	12	2.2	• 3			41
MANNINGTON 1 N	1 IN ON GD					1	17 12•0	13	15 23•5	4 4 • 0	3.0			50 60•5
MANNINGTON 1 W	1 IN ON GO					2	23	19	16	3.0	•7			62
MIODLEBOURNE 2 ESE	1 IN ON GO					1	21 11•0	15 10.0	18	2.0	1 1.D			60 40+0
MORGANTOWN FAA AIRPORT	1 IN ON GO					2 2 2 0	19	10	12	1.2	т.			34.1
ALL MAN ALL ON I	1 IN ON GO					1	4•2 12	10	15	3	1			42

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

Season of 1963 - 1964

Station		July	August	September	October	November	December	January	February	March	April	Мау	June	Total
MURGANTOWN L AND O	SNOWFALL I IN ON GO	-			-	Т	5.0	15.8 10	16.8	2.6				40 o 4
PHILIPPI	SNOWFALL 1 IN ON GO				T	3.5	13.5 2D	15.5 I4	25.7	3 . 8	1.D			63 • D 55
SUTTON RESERVOIR	SNOWFALL 1 IN ON GO					4.0	16.D 18	15.0	34.D 16	5.D 4	2 • D			76.0 52
VANDAL1A	SNOWFALL 1 IN ON GD					1.3	14.4	12.3	18.7	1.D	•			47.7
WESTON	SNOWFALL 1 IN ON GD					6 • D	18.3	18.4	32.8	6.5	1.D			83.D 64
WEST UNION	SNOWFALL 1 IN ON GD	-	-	- 1		2 • 5	11.7	15.1	19.9	4.D	• 5			-
SOUTHWESTERN 03	1 11 01 00						2.5			•				
BRANCHLANO	SNOWFALL 1 IN ON GD					-	7	- 8	23.5 1D	2.D 1				26
CHARLESTON WB AP	SNOWFALL 1 IN ON GD				Т	3.6	12.6 1D	11.3	21.8	2.2	Т			51.5 33
CHARLESTON 1	SNOWFALL 1 IN ON GD					1 • D	6.6	9 • 2 8	14+4 8	1.6		1		32 • 8 29
CLAY 1	SNOWFALL 1 IN ON GD					4.D 1	-		Ξ.		1.D			-
CLENDENIN 1 SW	SNOWFALL 1 IN ON GD					- 1	9.5 16	14.5	16.D 11	2 • D				41
CORTON	SNOWFALL 1 IN ON GD	-	-	-	-	1 • D	-	-	=	T 1				=
OUNLOW 5 E	SNOWFALL 1 1N ON GD					5 • 5 2	1D+6 17	9•2	26.3	Ξ	Т			:
HAML1N	SNOWFALL 1 1N ON GO					2.0	10.4	9 • D	19.4	2.5			1	43.3 36
HOGSETT GALLIPOLIS DAM	SNOWFALL 1 IN ON GD					=	10	- 8	7	-1				=
HUNTINGTON FEO BLDG	SNOWFALL 1 1N ON GD					-	-	Ξ	-	-				-
HUNTINGTON W8 AIRPORT	SNOWFALL 1 IN ON GD					2.8	8 • D	10.7 1D	14.3	•6			)	36 • 4 28
KERMIT	SNOWFALL 1 IN ON GD						1D+5 8	8.0	7.D 5				}	25 • 5 22
LOGAN	SNOWFALL 1 IN ON GD					2 • D	6.6	7.0 10	11.6	1.5				28 • 7 38
LONGON LOCKS	SNOWFALL 1 IN ON GD				-	•5 1	- 8	- 6	- 1D	1.5				=
MADISON	SNOWFALL 1 IN ON GO					2 • D 1	1D+5 14	9.5	14.5	1.D 2				37•5 33
POINT PLEASANT 5 NNE	SNOWFALL 1 1N ON GO					• 5	7 - 1 6	11.2	13.0	•2				32 • 0 22
RAVENSWOOD DAM 22	SNOWFALL 1 IN ON GO					Ξ	8.9 1D	14.5	: 1	Ξ				Ξ
RIPLEY	SNOWFALL 1 IN ON GO					3 • 1	12.5	15.5 11	19.D 13	1.5	Т			51 • 6 38
SPENCER	SNOWFALL 1 IN ON GD		ŀ			-	12.D	-	-	.9				=
WAYNE 2	SNOWFALL 1 IN ON GD	-	-	-	-	-	-	-	:	-				Ξ
W10EN	SNOWFALL 1 IN ON GO					5.5	13.D 21	17.D 12	28.4 19	4.0	1.0			68.9 57
WILLIAMSON	SNOWFALL 1 IN ON GO						8.5	6.5	Ξ	Ξ				Ξ
W1LLIAMSON 2	SNOWFALL 1 1N ON GD					Т	9.5	7.0	8 • 5	•5				25.5 22
WINFIELD LOCKS	SNOWFALL 1 IN ON GD					-	- 8	- 8	- 7	•3				- 24
CENTRAL 04														
AL 8R1GHT	SNOWFALL 1 IN ON GO					2 • D 1	11.D 23	17.1	19.D 16	1.0	1.0			51•1 59
ALPENA 1 NW	SNOWFALL 1 IN ON GD				1.0	3 • D 2	33.D 31	29.D 31	57.0 29	12.D 18	6 • D 4			141.0
ARBOVALE 2	SNOWFALL 1 IN ON GD					2 • D 1	2D • 1 25	12.5	29.5 21	2.0	3 • D			69•1 78
BAYARO	SNOWFALL 1 IN ON GO				Т	9.0	27.0 31	22.D 31	47.5 29	16.D 17	4 • 5 3			126.D 113
BECKLEY V A HOSPITAL	SNOWFALL 1 IN ON GO					3 • 5 1	19.5	9.2 13	26.D 2D	4.0	2.5			64.7 58
BECKLEY WB AP	SNOWFALL 1 IN ON GD				Т	6.3	22.1	11.1	30.8	7.0	•3			77•6 61
BELVA	SNOWFALL 1 IN ON GO					1	13	12	12.D 12	1.5			1	- 41

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND Season of 1963 - 1964

WEST VIRGINIA

Continued

Station		July	August	September	October	November	December	January	February	March	April	May	June	Total
BIRCH RIVER 6 SSW	SNOWFALL 1 IN ON GO					-	-	=	-	-				-
BRANGONVILLE	SNOWFALL 1 IN ON GO					-	17.5 31	19.5 16	28.7 21	12.5	1.0			:
BUCKEYE	SNOWFALL 1 IN ON GO					2 • 0	20.0	13.0	32.0	4.0 7	1.0			72.0
CAMOEN ON GAULEY	SNOWFALL 1 IN ON GO					14.3	40 • 0 27	15+2 15	64.0	16.0	4.0			153.5 75
CANAAN VALLEY	SNOWFALL 1 IN ON GO				2.0	14.0	34.0	29.0 26	63.0 24	15.0	3.0			160.0
ORY CREEK	SNOWFALL 1 IN ON GO					3.0	18.1 15	5.8 13	19•2	T 1	т			46+1 42
EAST RAINELLE 3 NNE	SNOWFALL 1 IN ON GO	-	_	-	-	_	_	-	-	=	+8 2			-
ELKINS WB AIRPORT	SNOWFALL 1 IN ON GO				т	4.9	14.5	13.0	29.5	7.7	•7			70.3
FLAT TOP	SNOWFALL 1 IN ON GO				т	-	_ 29	22	27.0	8.0	2			:
HACKER VALLEY	SNOWFALL 1 IN ON GO					6.0	27	20.8	31.0	5.0	T 2			77
HICO	SNOWFALL 1 IN ON GO					4.0	13.2	6.5	19.8	3.0	1.5			48.0
HOPEMONT	SNOWFALL 1 IN ON GO					8 • 0	20.0	32.0	58.0 26		т			-
MC ROSS	SNOWFALL				т	10.0	21.0	15.0 21	36.0 20	11.0	2.0			95•0 79
MT STORM	1 IN ON GO				т	- 3	29.5	30.5	48.2	12.0	4.3			97
OAK HILL	1 IN ON GO SNOWFALL					3.5	31 14.0	12.3	24+3	4.0	•5			58+6
PARSONS 1 SE	1 IN ON GO					- 2	14.3	13.8	29.0	2.7	1.5			61 - 70
PICKENS I	1 IN ON GO SNOWFALL				Т	12.5	42.5	26.5	88.0	23.8	6.5			199.8
RICHWOO0	1 IN ON GO SNOWFALL					3 10•0	31	25	28.0	10.0	7 T			99
ROWLESBURG 1	1 IN ON GO SNOWFALL					6+0	18.0	17.0	26.0	5.0	3.0			75.0
SMOOT	1 IN ON GO SNOWFALL					4.0	25	21 -	19.0	8 • 1	-	_	-	74
SPRUCE KNOB	1 IN ON GO SNOWFALL				2.0	9.0	48.0	25 28 • 0	74.0	10.0	7.0	-	-	178.0
STONY RIVER DAM	1 IN ON GO SNOWFALL				T T	5	25.5	18 23.0	55.0	10	3 3 • 5			95 125•0
SUMMERSVILLE	1 IN ON GO SNOWFALL					-	17.0	12.0	24.0	-	1.0			-
THOMAS	1 IN ON GO SNOWFALL				T	5.0	21 15•4	11.0	24.8	10.8	4.0			71.0
VALLEY 8ENO	1 IN ON GO SNOWFALL					7.0	31 13.0	18	30.0	12 4•0	2.0			94 68.0
VALLEY HEAO	1 IN ON GO SNOWFALL				т	3 5•0	16	12.0	36.0	3.5	2.0			80.0
WE8STER SPRINGS 1 E	1 IN ON GO SNOWFALL					8.4	21	15 13.0	24	5 4.5	1			68 84•2
SOUTHERN 05	1 IN ON GO					1	20	10	16	3				50
ALOERSON	SNOWFALL 1 IN ON GO						12+0	10.0	_	-				_
ATHENS CONCORO COLLEGE	SNOWFALL 1 IN ON GO					• 5	16.0	12.5	16.5	1.5	2.0			49•0 58
8LUEFIELO FAA AIRPORT	SNOWFALL				т	3.0	24 15•6 20	6.4 12	17 17.0 17	1.0	T <sub>1</sub>			43.0
BLUESTONE DAM	1 IN ON GD					1.0	11.5	6.0	7.0	1.0	1			26.5
GARY	1 IN ON GO					T	9.0	4.0	5.0	1 T				18.0
IAEGER	1 IN ON GO						14	- -	5 -					25
KOPPERSTON	1 IN ON GO	-	-	-	-	-	13.5	-	-	Т	т			-
LEWISBURG 2 SSW	1 IN ON GO SNOWFALL	-	-	-		1.7	10.8	7.2	13.0	Т				32.7
MATOAKA	1 IN ON GO SNOWFALL					2	10	17 I2.0	19	2 3.0				50
PINEVILLE	1 IN ON GO SNOWFALL					1.9	13.1	8.0	10.0	3.0	т			36.0
PRINCETON	1 IN ON GO SNOWFALL					1	13 9•3	13	8 9•6	2 2 • 0	1.0			37
	1 IN ON GO					2	9	10	12	2	1			36

See reference notes following Station Index.

# TOTAL SNOWFALL AND NUMBER OF DAYS WITH ONE INCH OR MORE ON GROUND

Continued

 	_	 -		_	-	
42		 1 13	41.53		1000	

Station		July	August	September	October	November	December	fanuary	February	March	April	May	June	Total
RENICH 2 S	SNOWFALL I IN ON GO					5.0	21.5 I6	13.0	23.5	4.0	1.0			68.0
UNION	SNOWFALL 1 1N ON GO					-	13	- 11	16.3 11	-	• 3			-
WHITE SULPHUR SPRINGS	SNOWFALL 1 1N ON GO					4+0	11.0	8 • 0 6 I	14.0	•5 1				37.5 46
NORTHEASTERN 06														
BERNELEY SPRINGS	SNOWFALL 1 IN ON GD					Т	11.9	21.0	32.3 21	5.4	.4			71.0
BRUSHY RUN	SNOWFALL 1 IN ON GD					T	12.3	15.6	21.1	T 3	Ŧ			49.0
FRANKLIN 2 NE	SNOWFALL 1 1N ON GO						13.0	12.2	24.5	1.0	2.0			52.7
HARPERS FERRY	SNOWFALL 1 1N ON GO					т	13.0	17.5 21	18.8	3.0	• 3			52.6 56
HARPERS FERRY NAT MON	SNOWFALL 1 IN ON GD						16.2	20.1	26+0 15	1				62+3
KEARNEYSVILLE 1 NW	SNOWFALL 1 IN ON GD						12.5	19.5 17	30.5 19	2.7	7			65.9
KEYSER	SNOWFALL 1 IN ON GO					:	=	-	-	-				-
MARTINSBURG FAA AP	SNOWFALL 1 IN ON GD					т	12.7	15.7 17	28.0 19	7.0	T 1			63.4
MATHIAS	SNOWFALL 1 IN ON GO				T	•1	16.2	20.0	31.5 19	2 • 8	2.0			72 • 6 5 4
MOOREFIELO MCNEILL	SNOWFALL 1 IN ON GO					Т	14.0	16.0	15.0	Т	т			45.0
OMPS	SNOWFALL 1 IN ON GO					-	- 5	14	19	2.0	1.5			- 41
PETERSBURG	SNOWFALL 1 IN ON GO					т	14.5	14.0	29.0 13	т				57 <b>.</b> 5
PIEOMONT	SNCWFALL 1 IN ON GO					2 • 2	13.7	19.6 15	20.1	3.0	2.0			60 • 6
ROMNEY 3 NNE	SNOWFALL 1 IN ON GO						10.5	18.0	25.0 18	T 2	1.0			54.5
WAROENSVILLE R M FARM	SNOWFALL 1 IN ON GO						12.0	19.2	26.7 16	3	1.5			59.4

-											711	_		TATI	لمال				10													JULY	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	of M	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
NORTHWESTERN 01				-														!			1						-	1					
8EN5 RUN 1 55E	MAX MIN																																
CAIRO 3 5	MAX	95 65	85 65	90	79 65	82	86 48	84	83 61	80 64	85 63	87 67	82 70	78 61	81 55	83 54	88 59	93 61	93	92 63	94 65	92 64	92 64	93 65	91 67	90	91 65	93 66	90 68	88	83	94	87.6
CRESTON 1 55W	MAX	85	90	90 57	91	81	82 46	85	83	81	89	82 56	87 56	73	72 58	80 52	85 52	89 58	91	91	87 61	91	93	91 65	92	93	92	92	93 65	92	58 86 60	54 82 53	86.8
MCUN05VILLE	MAX	91	88	89 65	89	82 52	84 52	83	80	79	86 60	90	88 62	78 62	90 55	84 58	87 62	90	91 64	91	93	91 66	91 66	93 68	91 63	91	91 67	94	91	66 91 65	81 55	82	58.0 87.7
NEW CUMBERLAND	MAX	87	87 63	89 65	87	80	82	83	80	79	85 59	88 55	86	76 61	79 56	83	85 60	89 63	90	90	91 67	90 70	90	91	90	89	88	91 66	92	88	79	78	85.9
NEW MARTIN5VILLE	MAX	68 84 68	88	92	88	81 54	85 56	84	80	78 64	86	90 63	81	77 62	81 55	85 58	88	92 65	92 65	94	93 70	94	92	68 92 68	67 93 70	91	93	96 69	93	91	82	50 87	87.8
PARKERSBURG FAA AP	MAX	82	84 68	91	77	82 52	85 54	81 57	82 65	74 65	84	87 61	70 64	77 62	80 58	85 62	89	92	92	92	92	92	91	94 70	95	91	91 72	93	90 72	69 85 68	58 80 60	59 85 59	86.0
PARKERSBURG WB CITY	MAX	82	85	92	77	80 53	85	82	82	79 65	84	89	71 63	76 61	80 57	84	89	93 65	92	93	91 68	92	91	92 70	93	92	90 72	95 68	93	86	79	83	86.2
WEIRTON	MAX	89 70	86	90	82	82 52	85 51	82	78	78 63	85	89 56	84	76 60	79	63 82	86	91 65	90	93	93	90	90	94	91	91 67	88	93	90	88	80	81	86.3
WELL58URG 3 NE	MAX	89	88	91	90	81 45	85	83	79	81 59	87 56	88 52	83 58	77	80	83	87	91	90	92	92	72 91	91	92	90	89	91	93	93	68	79	53 81	86.9
WHEELING WARWOOD OM 12	MAX	63	88	87	91	76	80	85	82	77	80	87	91	78	78	79	82	86	92	93	63 92	93	92	90	91	92	90	92	97	92	50 89	79	86.9
NORTH CENTRAL 02	MIN	67	69	68	67	53	53	54	61	63	60	60	60	62	58	59	63	65	66	67	69	70	67	68	70	68	69	69	68	69	58	56	63.7
BELINGTON	MAX	87	83	83	86	76	75	81	84	71	74	80	85	72	73	78	80	84	88	87	89	89	86	87	89	87	88	87	91	91	83	80	83.0
BENSON	MIN	58	62 87	63 87	85	82	85	87	48 85	76	83	56 89	56 87	78	53	51 81	52 86	56 95	57 95	97	62 94	94	61 94	62 95	96	95	95	98	97	64 95	59 82	51 85	88.8
BLCKHANNON 2 W	MIN	84	83	62 85	81	45 76	81	84	62 77	61 75	80	5 7 8 5	79	74	78	52 82	56 85	89	58 88	89	65 89	89	88	65 89	88	89	89	65 92	92	65 80	55 77	52 82	58.9
CLARK5BURG 1	MIN	62 85	63 84	62 87	77	46 78	83	83	61 76	76	57 82	53 87	72	75	53 79	51 81	86	57 90	56 90	59 89	90	90	62 89	62 91	62 91	90	61 89	62 94	63 91	67 80	61 80	51 84	58.4 84.5
FAIRMONT	MIN	80	65 82	83	73	50 78	51 82	83	72	61 78	83	59 87	59 71	76	80	55 82	59 85	62 90	90	88	65 90	63 89	63 86	65 90	89	88	89	65 93	91	67 83	57 78	56 83	83,6
GASSAWAY	MIN	83	65 86	88	78	52 81	52 86	52 86	62 78	62 81	82	58 88	65 80	76	58 81	58 85	88	63 92	64 89	86	66 88	90	90	64 91	67 92	90	67 92	93	93	67 85	57 82	57 83	85.9
GLENVILLE	MIN	93	92	65 85	90	49 79	80	51 84	87	80	80	59 82	62 89	75	58 77	55 81	58 8 <b>5</b>	62 89	61 91	63 91	66 92	65 91	90	67 90	66 92	63	65 94	65 92	93	68	64 85	55 80	61.5 87.0
GRANTSVILLE 2 NW	MIN	54 95	65 81	65 86	92	49 79	49 84	50 86	54 85	62 91	64 85	59 90	60 85	78	5 8 8 3	53 85	57 87	61 90	60 94	63 89	66 90	65 91	65 92	65 92	66 93	65 95	65 93	67 94	92	68 91	61 85	56 81	60.8
MANNINGTON 1 N	MIN	65 87	65 84	64 87	87	50 79	50 83	83	56 73	62 73	56 84	60 87	62 87	56 76	54 80	58	51	63 91	90	90	66 91	90	90	74 92	65 91	90	66 91	68 93	68 92	66 89	61 82	55 83	86.0
MICOLEBOURNE 2 E5E	MIN	57 81	65 86	61 90	61 76	47 79	82	84	62 82	62 80	58 82	56 88	58 79	77	56 79	52 84	61 86	62 90	90	61 92	64 91	64 91	62 93	62 91	64 91	62 91	62 92	65 94	63 93	62 88	59 78	51 82	59.2 85.9
MORGANTOWN FAA AIRPORT	MIN	67	67 80	84	65 73	50 77	52 79	58 80	57 70	62 77	60 82	60 85	63 73	62 78	56 76	61 79	61	86	63 87	64 88	67 89	65 88	65 88	66 88	67 88	65 85	66 87	67 91	68	66	61 77	55 79	82,3
MCRGANTOWN L AND O	MIN	67 81	65 83	66 86	55 80	52 78	52 81	52 84	63 76	60 80	59 85	59 88	64 75	62 77	60 79	63 82	62 85	64 90	64 89	67	66 92	67	68	67 92	70 90	68	69 90	66 93	69 93	65 87	56 78	57 83	85.1
WE5TON	MIN	65	65 86	64	90	50 78	51	52 85	62 86	60 78	59 78	58 83	61	73	57 77	58	61	63	61 93	61	90	65 90	65 92	66 91	67 90	65	65	66 91	67 95	66 92	57 85	54 81	61.3
WEST UNION	MIN	81	65	65	66	50 79	50	50	52	76	83	59	59 78	76	57	59 83	55	60 90	61	61	91	64	90	65 92	67 92	65	65 91	66 92	91	66	60	55	60.7
SOUTHWESTERN 03	MIN	65	65	63	65	49	50	51		62	59	59	62	61	56	55	60	63	61	63	65	63	64	65	66	63	65	65	65	70	65	54	61.4
CHARLESTON WB AP	MAX	83	87	90	81	82	85	88	82	82	77	88	77	77	81	85	88	91	90	83	87	90	91	93	94	91	92	94	95	88	83	84	86.4
CHARLESTON 1	MIN	69	68	66 87	61	53	51	54	66	64	63	62 78	65	63	61	58	60	63	64	66	67	66	67 91	68	68	66	70	67 95	68	71	61	56	63.6
CORTON	MIN	69	69	68	69	54	53	56	65 81	67	65	63	65	63	62	58	60	65 92	65 89	67	68	67 91	68	68	69	68	70	95	70	71	69	57	65.1
	MIN	64	65	65	66	48	49	50	63	62	62	59 85	62	76	59 78	52	58	60	61	65	64	63	65	67	65	70	67	64	67	66	63	51 83	61.4
OLNLOW 5 E	MIN	65	64	65	64	82 51	52	56	82 62	65	57	56	66	59	56	56	56	61	61	64	65	65	62	65	65	66	66	67	68	69	65	56	61.8
HAMLIN HCGSETT GALLIPOLIS OAN	MAX MIN MAX	93 59	80 66	63	93	82 48	46 85	51	84 65	86 60 84	59 81	90 60	62	79 58 71	7.0	81 53	85 55	90 58 90	60	60	88 67	90 63	90 64	91 65 94	95 65 96	92 65 96	93 65	67	95 66 97	93 64 91	65	83 53 83	87.8 60.2
	MAX MIN	94 59	80 66	88 64	93 66	82 50	50	51	85 53	63	63	85 59	60		78 57	82 56	87 56	59	60	92 62	92 64	65	65	67	66	67	96 66	67	68	70	89 67	59	88.3 61.5
HUNTINGTON HE ALDOORT	MIN	79	0.4	0.0	70	0.3	0.0	04	0.4	0.5	80	00	74	70	0.3	0.7	01	03	0.1	0.7	0.3	0.3	93	97 71	93 71	96 71	92 72 92	68	94 71 94	85 73	67	63	07.3
HUNTINGTON WB AIRPORT	MAX	66	86 65	64	79	82 51	51	86 59	67	85 67	63	62	76	63	61	62	91 62	63	91 65	67	68	92 68	93 67	95 70	70	93 70	71	67	69	86 72	66	61	87.3 64.7
LCGAN	MAX	93 58	66	90 67	67	54	86 54	90 54	8 9 5 5	85 66	63	63	92 65	63	61	82 59	89 59	91 61	95 63	90 66	83 66	90	91 66	91 68	70	95 69	93 67	69	96 68	96 69	90 71	89 57	89.3 63.5
LCNOON LOCK5	MAX	94 62	87 66	89 67	67	81 56	83 56	87 55	87 57	67	63	65	90 65	78 64	78 63	60	60	63	91 65	65	69	86 68	93 68	93 69	70	96 69	69	68	95 69	91 69	87 71	93 59	87.9
MADI50N	MAX	93 59	84 66	86 67	92 68	80 54	83 51	87 52	87 56	82 66	84 64 See		90 65	78 63 ctes Fo	77 61 llowin	80 57 g Statio	89 59 on Inde	90 61	90 64	65	86 69	88 66	91 66	90 68	92 69	94 69	92 66	92 69	94 69	95 69	87 70	86 56	63.5

- 90 **-**

Continued	4		H		H						-		-	11.11				1111	5													JULY	
Station		1	2	3	4	5	6	7	0	9	10	11	12	13	14	Day o	of Mo	onth	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
PCINT PLEASANT 5 NNE	MAX MIN	89	88	95	90	83 47	86	82	83	84	84	88 62	76	80	83	87	92	94	95	93	94	93	94	95 65	95	96	94	95	93	89	81 58	84	88.9
RAVENSWOOD DAM 22	MAX MIN	91	86 67	95 63	94	84 53	86	85 58	81	83	83	89 58	98 66	77	79 86 56	85 55	90	60 94 62	95	90	93 65	92	93	67 95 67	95	96 68	92 72	93	95	85 68	82 60	85 59	89.0 62.9
RIPLEY	MAX MIN	92	87	94	90	95 49	89 48	88	84	81 60	83	90 58	87	79 59	92 55	86 56	93	94	93	90	94 65	93	94	96 67	95	96 66	96 70	95	93	87 68	84	87 56	89.6
SPENCER	MAX MIN	89 63	85 64	89	85	80 46	85 47	85	81 63	80	81	88 55	85	76 60	80 56	83	88	92	90	67	90 64	90	90 62	93	93	91	91 68	93	92	85 68	80 62	83 55	86.5
WAYNE Z	MAX MIN	0.													-		7.	0.					0		0					0.,	6-		004
WILL LAMSON	MAX MIN	94	87 66	90 67	95 68	86 54	86 54	90 55	90 66	89 66	90 62	85 63	94	80 63	82 61	85 59	93	92 60	95 65	89 67	8 4 71	90 67	93 68	92 71	95 70	95 69	95 68	93 71	96 68	96 71	89 71	89	90.3
WINFIELD LOCKS	MAX MIN	94	80	88	91 67	83	84	88 53	84 56	83	84	84 62	90	76 63	79 60	80	86	91 58	91 63	90	87 67	91 67	92	92	93	94 72	93 70	93	96 70	94 71	87	84	87.8 63.8
CENTRAL 04																																	
ARBOVALE 2	MAX MIN	84	89 49	87 55	84	74 41	82 37	85 38	79 57	79 50	77	82 46	71 50	79 52	77 48	82	84 45	86 48	82 50	83 53	84 58	83	83 59	87 59	85 54	88	84 56	85 58	89 59	84 58	82 56	79 49	82.5 51.7
BAYARD	MAX MIN	80 56	78 59	82 57	76 60	73 45	77	79 38	73 56	72 55	77 54	82 46	75 55	68 57	75 46	76 48	79 54	84 53	84 52	85 54	86 56	83 58	83 57	83 56	81 58	82 58	84 56	86 58	87 59	80 60	77 53	77 44	79.5 53.5
BECKLEY V A HOSPITAL	MAX MIN	83 58	82 60	84 61	81	74 44	79 42	83 46	77 63	79 61	75 56	83 51	82 65	71 58	75 49	80 48	84 48	87 54	81 58	77 61	79 63	78 59	82 58	85 57	85 59	83 62	85 59	85 60	86 57	84 60	77 61	79 47	80.8
BECKLEY WB AP	MAX MIN	81 59	81 61	85 62	75 55	73 46	80 46	83 52	77 60	80 56	77 53	83 53	70 61	71 56	76 53	81 53	82 52	86 57	80 60	71 62	80 64	79 63	82 62	84 61	86 63	82 63	85 63	85 62	88	82 65	78 54	80 49	80.1 57.6
BIRCH RIVER 6 55W	MAX MIN																																
BRANOONVILLE	MAX MIN	86 60	80 62	80 58	83 61	71 46	74 42	78 45	79 55	67 57	77 58	80 50	83 55	70 58	72 50	75 52	78 57	81 56	85 56	86 58	87 58	88 60	85 60	86 60	88 60	84 58	84 58	86 60	89 61	90 61	83 51	74 48	80.9 55.8
BUCKEYE	MAX MIN	88 55	84 60	87 62	87	77 43	84	87 40	8 2 5 8	81 54	80 57	85 55	84 55	75 60	80 52	83 50	86 50	87 53	84 55	81 54	8 4 6 2	83 62	86 62	89 62	88 62	85 61	80 62	88 61	90 60	8 9 6 2	83 66	81 49	84.1 56.2
CANAAN VALLEY	MAX MIN	78 57	7.8 56	80 53	76 58	68 45	75 36	76 32	70 54	72 55	72 58	76 44	72 54	66 55	75 40	74 47	77 51	80 46	80 42	82 50	80 54	80 50	77 52	78 52	78 52	81 54	81 53	81 51	82 52	77 60	74 50	76 40	76.5 50.1
ELKINS WB AIRPORT	MAX MIN	82 59	80 61	83 61	75 50	74 44	78 46	81	71 57	72 60	77 57	83 55	69 56	70 53	76 52	79 51	81 53	87 56	85 58	85 59	87 61	86 62	85 60	86 62	86 61	86 60	86 62	89 62	89 61	80 65	76 52	79 49	80.7 56.4
FLAT TOP	MAX MIN	81 52	77 58	76 60	80 61	70 49	69 42	76 48	80 56	73 60	75 54	73 53	79 59	67 55	67 49	73 50	77 50	79 53	80 60	73 62	67 62	78 61	77 62	77 57	80 59	80 63	78 57	80 58	81 56	84 63	79 64	73 50	76.1 56.2
HOPEMONT	MAX MIN	84 58	80 55	78 54	74 48	70 45	6.8 40	75 40	77 50	78 52	80 54	77 50	73 51	70 49	73 52	74 56	78 55	81 58	84 60	82 55	85 54	81 59	82 58	80 59	78 60	80 59	82 58	85 60	87 59	85 61	85 59	83 57	79.0 54.4
MC R055	MAX MIN	86 58	85 65	84 61	79 55	80 44	80 42	83 43	74 58	77 60	76 56	82 52	81 62	78 57	77 52	81 49	81 49	84 55	80 58	77 62	84 63	81 58	81 55	82 59	84 61	85 60	83 59	85 60	88 59	86 61	80 61	78 58	81.4 56.5
OAK HILL	MAX MIN	93 57	83 62	86 62	89 63	77 47	79 46	85 50	86 53	80 62	8 2 5.7	79 56		88 57	75 54	80 52	85 54	81 55	82 57	84 62	77 65	85 62	86 62	85 62	90 63	90 65	86 62	8 8 6 3	89 61	92 62	86 67	81 52	84.3 58.4
PARSONS 1 5E	MAX MIN	85 60	84 62	1	76 63	76 48	80 47	82 46	60	76 60	80 56	85 58	84 59	72 58	78 54	80 50	56	87 57	87 57	87 60	90 64	83 62	85 63	87 64	86 62	86 61	87 61	90 63	90 63	88 65	79 59	82 52	83.2 58.4
PICKENS 1	MAX MIN	79 55	78 58	80 58	69	69	75 42	78	69 58	70 56	74 50	79 48	67 56	67 56	74 47	77	78 50	83 51	8 2 5 4	80 56	80 57	81 55	77 56	83 56	84 57	83 57	82 58	83 58	85 58	75 63	74 61	75 49	77.1 54.0
R1CHW000	MAX MIN	83 56	82 58	83 59	80 59	46	80	83	76 59	78 60	78 58	84 50	60	68	77 49	80 48	83	86 52	82 57	80 62	83 62	85 60	82 59	86 58	86 58	85	86 60	89 59	63	89 56	87 65	79 48	81.9
RCWLESBURG 1	MAX MIN	84	85 63	84 64	74	79 51	50	82	60	80 62	82 60	88 59	60	74 60	79 56	80 53	60	88 63	8 9 5 8	92 61	92 66	89 65	89 66	89 65	88 63	88	90 61	93 67	92 65	84 65	80 56	85 53	84.3
SPRUCE KNOB	MAX MIN	62	80 59	61	60	50	-	52	56	55	54	55		59	53	74 58	60	78 60	81 60	60	64	79 61	82 59	60	81 60	60	- /	80 62	60	85 60	62	75 62	78.8 58.4
WE85TER SPRINGS 1 E	MAX	86 60	86 60		84 56	86 48	85 47	86 47	80 61	84 60	82 57	86 53	70 59	76 60	81 54	84 54	88 54	91 57	87 59	84 58	85 63	88 61	85 63	91 64	91 63	93 56	89 62	91 63	92 63	85 66	85 65	85 62	85.6 58.6
SOUTHERN 05					-3		-2			-2		22							23	7.0						.,3		22					
ATHENS CONCORO COLLEGE	MIN	85 60	83 62	59	1	48	45	49	63	60		83 54	81 53	69 54	75 52	83 52	81 55	85 68	83 66	65	78 65	61	63	61	60	61	84 62	60	85 61	65	77 64	78 52	81.4 58.5
BLUEFIELO FAA AIRPORT	MAX	60	80 59	63	73 58	73 50		58	78 61	80 58	79 56 85	82 58	69	70 55	76 58	80 59		83 63	75 65	63	80 62	78 64	76 63	84 59	82 64	65	82 62	63		79 65	75 62	79	78.4
BLUESTONE DAM	MAX MIN	92 56	63	86 64	90 64	81 51	80 50	86 50 87	90 51	83 63	85 61 86	83 59	89 61	73 62 76	77 58	83 55	87 56	89 58	90 62	83 64 85	75 65	87 65	88 65	88 66	90 67	65	87 63	65	63	94 65	89 68	85 56	85.9
GARY KOPPERSTON	MAX MIN MAX	92 47 81	87 60 84	90 62 87	89 60 87		79 47 83	87 47 85	90 54 80	83 61 83	86 59 79	87 58 87	90 59	76 60 74	77 57	81 52 84	87 52 85	89 54 88	90 55 83	85 62 80	79 64 82	86 61 84	84 61 83	85 62 88	90 63 88	90 63 84	87 62 87	90 63 86	92 60 88	91 60	86 65 81	82 57	86.0 58.0
LEW15BURG 2 55W	MAX MIN MAX	62	62 84			79 49 77	83 48 82	53	62 85	62 80	60	87 57 85	62	59	55	52 84	54	88 57 85	61	64	82 66 81	62	62	88 63 87	63 86	84 69 85	62	64	60	84 66	67	85 51 80	83.3
PINEVILLE	MIN	59 92	62 86		62	46	45	48	60	66 84	55 87	55 83	64	60	51 79	50 82	86 52 87	60 89	60	63	65 79	81 60 85	86 62 86	87 62 87	63	63	82 60 88	62	88 60 90	87 64 93	83 63 86	80 53 84	83,4 58,6 86,5
NNION	MIN	91	63	63	64	51	49	52		62		60	62	61	57 76	54	56	54 86	60	60	67	63	63	64	66	65	64 83	65	62	63	66 86	56 82	83.4
WHITE SULPHUR SPRINGS	MIN	57	61		60	45	42	90	50 89	57 85	55 84	93	93	60	50	87	51	55 89	60	62	63	60	61	61	61	61	57 88	60	59	61	63	51	56.3
NORTHEASTERN 06	MIN	55	63		61			44	61		57	57	60	61	51	49	51	58	56	63	61	62	62	64	65	64	60	63	60	61	60	50	57.6
BERKELEY SPRINGS	MAX											91		79		85		90	90	92	92	89	88	91	87	80	89	91	93	94	85	84	87.6
	MIN	65	69								57	53	61		54 llowing	60	58	61			62			64		68		66		64			
														- 3	L -																		/

### DAILY TEMPERATURES

WEST VIRGINIA

Continued																				_												JULY	1964
Station																Day	of M	onth															age
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Āvei
FRANKLIN 2 NE	MAX MIN	86 60	84 62	88 59	78 62	76 47	83 44	86 45	79 59	74 61	81 59	85 52	79 59	76 58	82 50	83 51	84 53	88 54	84 58	81 60	85 60	85 60	82 62	86 63	84 61	83 64	85 59	88 61	92 58	86 62	83 64	81 51	83.1 57.4
HARPERS FERRY NAT MON	MAX MIN	97 69	94 65	97 69	94 69	86 57	89 54	92 56	89 65	82 62	90 62	93 63	92 67	87 65	88 57	88 60	88 64	92 64	91 67	93 68	93 69	90 69	90 68	92 71	90 73	81 69	84 68	90 68	93 73	97 71	93 65	87 59	90.4 65.4
KEARNEYSVILLE 1 NW	MAX MIN	97	93 68	89 66	93 66	84 54	82 48	87 50	88 65	69 60	78 58	88 57	91 66	79 66	79 59	85 58	86 60	86 62	90 65	8 <b>7</b> 67	91 67	90 68	88 67	87 65	88 67	84 67	75 65	84 64	89 65	89 67	93 65	85 57	86.3
KEYSER	MAX MIN	89 45	85 64	82 61			87 49	84	82 59	75 62	74 60			85 65	79 54	82 60	87 62	90 61			95 61	92 63	92 64	90 66	91 65			93 62	94 65	93 67	87 59	82 54	86.5 60.7
MARTINSBURG FAA AP	MAX MIN	94 70	90 70	95 66	82 62	83 60	88 50	90 53	71 64	82 63	89 60	93 58	81 66	80 65	87 58	88 57	87 62	93 64	90 66	93 65	93 66	91 68	89 67	89 66	85 69	78 66	88 65	93 66	93 66	94 66	84 63	84 61	87.6 63.5
MATHIAS	MAX MIN	90 60	86 62	90 59	83 62	80 49	85 44	87 44	78 57	75 60	84 58	88 50	80 56	78 62	84 50	86 52	87 54	90 55	86 59	88 59	89 59	88 58	87 64	88 61	86 60	88 59	89 59	88 61	92 59	89 64	85 60	82 48	85.7 56.9
MCOREFIELO MCNEILL	MAX MIN	95 58	89 63	92 58	91 63	82 47	88 43	88 42	87 59	76 60	89 61	92 51	91 56	79 64	87 49	88 51	89 51	93 54	92 57	94 59	90 58	90 58	90 60	95 66	95 68	67 60	94 58	93 63	96 61	95 64	86 58	85 50	89.6 57.1
OMPS	MAX MIN	95 66	93 61	88 63	92 62	80 58	79 50	86 51	88 61	70 60	81 56	88 55	91 63	85 64	80 55	84 62	82 59	91 66	92 61	92 60	93 61	93 65	90 64	90 63	90 65	87 65	91 62	88 61	91 65	96 64	94 61	85 54	87.9
PETERSBURG	MAX MIN	92 62	90 64	94 64	93 67	80 54	88 48	91 46	84 62	75 63	83 62	89 57	85 61	82 65	86 54	88 60	89 61	91 59	90 61	92 63	94 64	90 63	92 63	93 62	92 64	90 68	91 61	94 65	97 64	95 68	90 63	88 54	89.3
PIEOMONT	MAX MIN	91 68	89 64	85 64	88 64	77 56	79 49	84 50	83 59	69 60	78 59	86 58	87 63	76 64	79 59	80 59	81 63	84 65	91 64	91 65	92 65	93 -66	87 63	86 63	89 65	86 65	84 65	90 68	88 65	91 66	88 58	80 54	84.9 61.8
RCMNEY 3 NNE	MAX MIN	92 63	87 65	92 60	88 66	81 50	87 45	87 46	86 60	79 63	89 62	91 52	87 59	80 63	86 53	86 53	89 56	93 57	93 59	96 60	93 63	91 63	88 65	91 65	90 64	85 65	90 60	93 65	94 67	90 67	87 57	83 52	88.5 59.5
WARDENSVILLE R M FARM	MAX	94 62	90 66	85 61		90 55	81 47	85 48	86 57	74 60	78 62	85 53	90 60	72 64	80 53	85 53	87 58	87 58	90 60	87 60	91 60	92 62	91 66	84 65	89 64	86 67	79 60	89 62	91 64	91 65	89 61	84 51	86.1 59.5

## EVAPORATION AND WIND

																Day	Of Mo	onth															73 . 15
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
NORTH CENTRAL 02																																	
CLARKSBURG 1						0 .23																											4.74 128
SUTTON RESERVOIR	EVAP	.21	.11	. 20	.2	1 .19 8 54	. 22	. 29 41	·11	.08 25	.19 34	•14 32	· 24	.00 22	·13	• 24 5 3	· 21	.23	·24	.21	·18	.11	·12	•22 37	•17 40	·21	·23	· 20	·24	·15	• 29 30	• 30 47	5.8 106
SOUTHWESTERN 03				1													i																
HOGSETT GALLIPOLIS DAM	EVAP	.42 37	.06	8 .19	9 .3	1 .32	. 33	.30 35	• 24 45	.10 40	·12	.15 34	.26 30	.02 58	·17	.28 80	.40 54	. 22	·21	.24 35	.10 35	.22	.29 30	.14 25	.42 36	.20 30	.27 30	.33 35	.03 27	.32	·17	•40 50	7.2 125
SOUTHERN 05						:																											
BLUESTONE CAM	EVAP WINO MAX MIN	31 91	19	5 3	2 2	8 40	87	92	30 92	37 82	30 85	28 87	29 91	22 78	28 79	37 85	33 91	26 91	.24 23 91 65	23 82	23 77	90	92	20 93	94	93	36 88	91		100	36 88	.19 37 86 59	88.
NORTHEASTERN 06																																	
WAROENSVILLE R M FARM	EVAP WINO MAX MIN		9:		3 8	8 50 8 82		31 91	29 91	19 87	93	25 92	28		83	30 90	46 91	27 89	.26 24 93 30	90	32 98	97	34 91	23	27 92	55 87	31 82	92	22 96	24 97	62 88		90.

## SUPPLEMENTAL DATA

	Wind	direction		Wind	speed p. h		Relati		idity ave	rages -		Numl	per of d	ys with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1:00 AM EST	7,00 AM EST	Trace	6010.	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
SECKLEY WE AIRPORT	14	6	6.1	28++	28	8	89	90	57	71	4	6	5	1	1	0	17	-	7.6
CHARLESTON WE AIRPORT	23	7	4.3	23++	06	24	89	90	53	62	3	6	5	0	1	0	15	-	6.4
ELKINS W8 AIRPORT	27	4	4.1	26++	02	8	99	98	60	76	4	6	2	6	0	0	18	- 1	6.9
HUNTINGTON W8 AIRPORT	21	5	4.4	18++	23	28	84	89	54	60	9	3	4	0	1	0	17	-	5.7
PARKERSBURG WB CITY	-	-	5.1	21	5	1	-	-	_	-	8	1	2	3	1	0	15	60	-

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1963 = 1964

					Deacon Of	1003 - 10			-					r-
Station	July	August	September	October	November	December	lanuary	February	March	April	May	June	Total	Normale July-June
NORTHWESTERN 01	-		-	-		-	-		-	-	-	-		
BENS RUN 1 SSE	11	17	112	238	610	1297	1078	1077	718	358	128	50	5694	4808
CAIRO 3 S CRESTON 1 SSW	13	1 16	113 115	232 263	582 636	1238	1008	1010	672 748	295	74	26 60	5264	4880 4988
MOUNOSVILLE		6	80	207 173	553	1228 1247	986	999	669	314	80	32	5387	5311
NEW CUMBERLAND	19	14			553		1023	1041	726	350	97	46	4940	4910
NEW MARTINSVILLE PARKERSBURG FAA AP	6	3 6	62 83	155 154	514 545	1198	950 940	995 1007	675 658	302 280	59 66	21 27	5004	
PARKERSBURG WB CITY WEIRTON	5 11	6 7	72 68	151 138	539 544	1216 1254	918 999	984 1036	653 726	272 334	60 81	27 40	4905 5238	4754
WELLSBURG 3 NE	23	24	124	257	604	1283	1072	1078	756	371	121	46	5759	5446
WHEELING WARWOOD DM 12	16	12	86	185	568	1248	1052	1076	738	393	115	48	5537	5374
NORTH CENTRAL 02														
BELINGTON BENSON	21	10	114	270	665 577	1280 1221	1059 984	1105	764 683	405 325	167	63 26	5384	5077
BUCKHANNON 2 W CLARKSBURG 1	25 19	15 11	146	308 293	618	1266 1272	997 1010	1058	706 718	343 350	114 112	40 39	5636 5680	5165 5391
FAIRMONT	17	îi	122	205	594	1261	957	1048	713	330	98	34	5390	5023
GASSAWAY	11	4	83 122	212 275	573 616	1189	949 1084	986	622 681	285 302	67 99	22 31	5003 5533	4531
GRAFTON 1 NE	28	10	139	274	608	1293		1069		302			,,,,,	5104
GRANTSVILLE 2 NW MANNINGTON 1 N	11 23	12 14	88 150	215 295	597 631	1236 1292	1043 1054	1026 1065	677 729	353	83 112	37 35	5753	5345
MIOOLEBOURNE 2 ESE	13	9	107	245	599	1274	1004	1040	688	312	100	30	5421	
MORGANTOWN FAA AIRPORT MORGANTOWN L ANO O	11	7 6	129	200	584 579	1246 1237	952 997	1039 1035	716 712	339 344	123 101	45 36	5391 5370	
WESTON WEST UNION	17	8	109	251	605 599	1244	1020 979	1051 1030	712 694	361 308	110 86	34 28	5522	4744
SOUTHWESTERN 03					1									
CHARLESTON WB AP	10	6	81	177	558	1200	899	917	563	226	54	20	4711	4476
CHARLESTON 1 CORTON	2	2	61	128	561 602	1203	950 928	941	619	254 261	59 56	21 19	4801	
OUNLOW 5 E	6	6 8	63	121	526 592	1210	900	968	580	190	46 118	18 34	4634 5315	
HAMLIN	9	12	87	211	592	1246	1016	1031	709	326	82	28	5391	
HOGSETT GALLIPOLIS CAM HUNTINGTON FEO BLOG	i	0	59	81	480	1107	865	1042 873	533	216	30	13	4258	4176
HUNTINGTON WE AIRPORT LOGAN	9	9	69 54	144 150	548 547	1222	950 956	947 931	570 598	237 220	56 59	27 15	4788 4661	4446
LONOON LOCKS	11	2	83	196	575	1156	946	946	630	288	73	29	4935	
MAGISON POINT PLEASANT 5 NNE	8 7	2 9	100	172 194	579 542	1180 1193	991 956	973 974	631 630	248 271	78 59	25 27	4956 4962	
RAVENSWOOD DAM 22 RIPLEY	3 8	8 6	85 90	169 191	521 544	1172 1185	924 944	958 979	603 606	247 252	52	23 20	4765 4870	4602
SPENCER	18	11	111	204	550	1183	894	989	621	261	70	33	4945	4761
WAYNE 2 WILLIAMSON		0	38	117	528	1236 1126	950	905	583	196	47	8	4498	4152
WINFIELD LOCKS	2	4	63	130	532	1162	969	976	664	316	76	19	4913	4575
CENTRAL 04														
ARBOVALE 2	72	58	220	401	739	1349 1359	1107	1163	848	485	227	84	6753	7
BAYARO BECKLEY V A HOSPITAL	81 51	96 28	299 175	430 328	687	1285	1122 1011	1160	851 713	486 331	223 136	97 50	6891 5810	6667 5313
BECKLEY WB AP BIRCH RIVER 6 SSW	43 66	31 33	161 206	249 382	653	1288 1275	978 1065	1063	726 788	340 473	137	56	5725	
BRANGONVILLE	58	64	232	353	677	1352	1155	1188	807	464	222	92	6664	
BUCKEYE CANAAN VALLEY	36 120	11	139 315	345 484	677 773	1297 1460	1163	1120	782 901	409 506	145 278	48 136	7496	
ELKINS WB AIRPORT FLAT TOP	53 83	36 70	192 239	367 347	692 759	1306 1362	1028 1098	1113 1165	779 857	411	174 233	70 93	6221 6800	5726 6182
HOPEMONT	48	112	265	372	757	1393	1111	1149		476	218	43		
MC ROSS OAK HILL	51 34	21	149	332 228	670 633	1288 1238	1022	1062	738 716	345 346	146	56 47	5880 5547	
PARSONS 1 SE	32 75	8 74	133	309 369	612 727	1270 1343	1001	1038	727	367	110	40 97	5661	
PICKENS 1	13	/4	234	314		1266	1035	1162	821	435	210		6582	
RICHWOOD ROWLESBURG 1	24	6	117	265	663 592	1259	985 1007	1066	739 721	376 373	150 105	64 35	5552	
SPRUCE KNOB WEBSTER SPRINGS 1 E	70 11	69	231 81	253 227	683 591	1369 1211	1111 951	1129 973	850 683	497 284	224 76	94 25	6580 5115	
SOUTHERN 05														
ATHENS CONCORO COLLEGE	38	15	143	265	633	1239	973	1019	642	335	139	50	5491	
BLUEFIELO FAA AIRPORT BLUESTONE DAM	30	19	129	206	633 616	1266 1190	958 1061	1033 986	702 698	329 337	111	26 27	5442 5343	
GARY KOPPERSTON	12	7	95	259	631	1188	1010 1015	968	679 648	295 250	108	28 33	5280	4674
LEWISBURG 2 SSW	18	13	123	277	640	1229	1011	1033	675	341	91	37	5488	
PINEVILLE	12 29	6 27	90 158	255 315	624 636	1245 1242	1073	1004	673	311 367	108	20	5421 5792	5329
UNION WHITE SULPHUR SPRINGS	16	9	113	305	631	1200	1055 999	1027 997	739 677	318	91	34	5390	5144
NORTHEASTERN 06														
BERKELEY SPRINGS	7	15	149	252	540	1148	994	1010	714	451	128	32	5440	
FRANKLIN 2 NE HARPERS FERRY NAT MON	36	10	154 84	292 122	597 464	1197 1113	994 983	1033	715 614	402 370	148	49	5627 4730	
KEARNEYSVILLE 1 NW KEYSER	7 17	18	157 108	256 195	517	1159	1041	1024	675	441 404	150	37 52	5482	4886
MARTINSBURG FAA AP	4	10	130	247	562	1171	1015	1014	706	438	103	30	5430	5037
MATHIAS MOOREFIELD MCNEILL	34 29	22 14	185 144	320	602 546	1233 1186	1026	1068	755 665	413 403	147 122	33	5849	
OMPS PETERSBURG	16	7	119	240	524 534	1163 1127	1083 957	976	620	348	168	53 23	5060	4832
PIEOMONT	23	8	130	195	567	1218	1018	1021	718	443	139	54	5534	5310
ROMNEY 3 NNE WAROENSVILLE R M FARM	17	10	124 174	253 267	542 571	1156 1182	1008	980	671	419	119	34	5333	
WARDENSVILLE R M PARM	16	21	1	207	3,1	1102	1073	1044	703	452	161	46	5710	5406

																		1464
STATION	INDEX NO.	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	TII	ME AI	ND S	OBSERVER	STATION	INDEX NO.	COUNTY	DRAINAGE †	LONGITUDE	ELEVATION	TIM	EAAP. BLES	ORSERVER
ALBRIGHT ALDERSON ALPENA 1 NM ARBOVALE 2 ATHENS CONCORD COLLEGE BAYARD BECKLEY VA MOSPITAL BECKLEY VA MOSPITAL BECKLEY VB AP BELLEVILLED DAM 20	0094 04 PRESTON 0102: 05 MONROE 0143: 04 RANDOLPH 0249: 04 POCAHONTAS 0355: 05 MERCER 0527: 04 GRANT 0580: 04 RALE IGH 0582: 04 RALE IGH 0633: 02 BARBOUR 0645: 01 WOOD	7 2 7 7 9 7 7	39 29 37 44 38 55 38 26 37 25 39 16 37 47 37 47 39 02 39 09	79 38 80 38 79 40 79 49 81 01 79 22 81 11 81 07 79 56 81 45	1219 1555 3020 2730 2600 2375 2330 2504 1679 600	5P 3P 5P 6P NID M	7A 7A 7A 8A 3P 7A 8A 1D 7A	н	NONONGAHELA POWER CO. RASSIE L. SIMS OMER S. SMITH NRS. NETTIE R. SMEETS CONCORD COLLEGE HOWARD R. FULK V. A. HOSPITAL U. SMEATHER BUREAU GEORGE R. HILLYARD CORPS OF ENGINEERS	MARLINTON NARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATONAKA MC MECHEN DAN 19 MC ROSS MIDDLEBOURNE 2 ESE MOOREFIELD 2 SSE MOOREFIELD MC NEILL	5707 5712 5739 5747 5847 5871 5963 6163	04 POCAHONTAS 06 BERKELEY 06 BERKELEY 05 HERCER 01 MARSHALL 04 GREENBRIER 02 TYLER 06 HARDY 06 HARDY	7 38 13 9 39 24 9 39 28 9 36 52 7 37 25 8 39 59 4 37 59 8 39 29 9 39 02 9 39 09	80 05 77 59 78 00 78 52 81 15 80 44 80 45 80 52 78 58 78 54	2150 537 535 1625 2580 655 2445 750 830 800	NID N1: 6P 6 7 7 4P 4 7P 7 6P 6	C H C H	CECIL A. CURRY FED. AVIATION AGENCY FED. AVIATION AGENCY FOREST TO CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS FUSSELL D. ANICK JOHN W. CRUMRINE MRS. ZELLA H. WETTER
BELVA BENSON BENS RUN I SSE BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT BLUESTONE DAM BRANCHLAND BRANCHLAND BRANDONVILLE BRUSHY RUN	0661 04 NICHOLAS 0679 02 MARRISON 0687 D1 TYLER 0710 06 MORGAN 0844 04 NICHOLAS 0921 05 MERCER 0939 05 SUMMERS 1075 03 LINCOLN 1083 04 PRESTON 1204 06 PENDLETON	10 6 9 4 7 7 7 3	38 14 39 09 39 28 39 37 38 25 37 18 37 39 38 13 39 40 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 640 1885 2805 1388 600 1798	4P 6P 6P NID N 8A		H AC H	RAYMOND E. PHILLIPS CLARKSBURG WATER BOARD ROBERT N. MALL H. N. RUPPENTHAL. III H. N. RUPPENTHAL. SOUTHEASTERN GAS CO. FED. AVIATION AGENCY CORPS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE	NORGANTOWN FAR AIRPORT MORGANTOWN L AND D MOUNDSYLLE MT STORM NAOMA NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OMPS PARKERSBURG FAR AP	6212 6248 6293 6362 6442 6467 6591 6674	02 NONONGALIA 02 MONONGALIA 01 MARSHALL 04 GRANT 04 RALEIGH 01 MANCOGK 01 WETZEL 04 FAYETTE 06 MORGAN 01 WOOD	6 39 38 6 39 37 8 39 54 9 39 17 4 37 52 8 40 30 8 39 39 7 37 37 38 9 39 30 8 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	825 620 2845 1210 750 637 1991 950	NID NI 7P 7. 5P 5 8 6P 6 6P 6 7A 7 7A 7 NID MI	A C C C C C C C C C C C C C C C C C C C	CORPS OF ENGINEERS MOUNDSVILLE SEWAGE TR NRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY DR. 2. W. ANKRON MILES M. MARTIN NRS. E. M. HOVERMALE
BUCKEYE BUCKHANNON 2 # BURNSVILLE CAIRO 3 S CAMDEM ON GAULEY CANAAN VALLEY CENTRALIA 2 MW# CHARLESTON WB AP CHARLESTON 1 CLARKSBURG 1	1215 04 POCAHONTAS 1220 02 UPSHUR 1282 02 BRAXTON 1328 01 RICHIE 1393 04 WEBSTER 1393 04 TUCKER 1526 02 BRAXTON 1575 03 KANAHHA 1575 03 KANAHHA 1677 02 HARRISON	10 5 5 4 2 4 4	38 11 39 00 38 52 39 10 38 22 39 03 38 38 38 22 38 21 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	600	6P 6P 6P HID M	7A 6P 7A 6P 7A 6P 7A IID 9A	H H C HJ	MISS ILEAN WALTON DR. ARTHUR B. GOULD JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEM F. THOMPSON JAMES W. LINGER U.S.S. WEATHER BUREAU W. VA. WATER SVC. CO. MEMRY R. GAY	WPARKERSBURG WB CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKEMS 1 PICOHONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7029 7112 7207	01 WOOD 04 TUCKER 05 GRANT 02 BARBOUR 04 RANDOLPM 06 MINERAL 05 WYOMING 03 MASON 05 MERCER 03 JACKSON	8 39 16 2 39 06 9 39 00 10 39 09 10 38 40 9 39 29 3 37 35 8 36 55 7 37 22 8 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410 584	6P 7 7P 7 8A 8 7A 7	Daaaa H	J U.S. WEATHER BUREAU FERROW EMP. FOREST HRS. BESS S. MCHL HRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR. JAMES G. MC DERNITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS
CLAY 1 CLENDENIM I SW CORTON CRESTON 1 SSW DAVIS DAVIS DRY CREEK DUNLOW 5 E EAST RAIMELLE 3 NNE ELKINS WE AIRPORT ELLENBORO	1696 03 CLAY 1723 03 KANAWHA 1959 03 KANAWHA 2054 01 WIRT 2209 04 TUCKER 2462 04 RALEIGH 2520 03 WAYNE 2636 04 GREENBRIER 2718 04 RANDOLPH 2746 01 RITCHIE	4 4 5 2 4 6 1 4	38 27 38 29 38 29 38 56 39 08 37 52 38 02 38 00 38 53 39 16	81 05 81 22 81 16 81 17 79 28 81 28 82 20 80 45 79 51 81 04	2420	6P 7A 5P HID H	7A 5P 7A	E HJ	MRS. SARAH B. FRANKFORT KATHERINE M. RADER HOPE MATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL KELLY BROWNING MRS. SUE V. WALKER U. S. WEATHER BUREAU MRS. RUBY L. GORRELL	RENICK 2 S RICHMOOD RIPLEY ROWNEY 3 NNE ROWLESBURG 1 ST MARYS SMITHBURG SMITHVILLE SPENCER SPENCER SPENCE KNOB	7503 7552 7730 7785 7875 8274 8286 8384	05 GREENBRIER 04 NICHOLAS 03 JACKSON 06 HAMPSHIRE 04 PRESTOM 01 PLEASANTS 02 DODORIDGE 02 RITCHIE 03 ROANE 04 PENDLETON	7 37 58 4 38 13 8 36 49 9 39 23 2 39 21 8 39 23 8 39 17 5 39 04 5 38 48 9 38 41	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 81 21 79 31	1900 2300 610 640 1375 650 795 840 964 3050	6P 6 5P 5 5P 7 7P 7 5	P C C	MRS. MARY V. MC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. MAUDE C. BOLYARD JOHN M. IHORAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. W. VA. WATER SVC. CO. HARRY J. GORDON
FAIRMONT FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLENVILLE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY	2920 02 MARION 3072 04 MERCER 3213 06 PENDLETON 2236 02 LEWIS 3353 05 MC DOWELL 3361 02 BRAXTON 3544 02 GILMER 3648 02 CALHOUN 3749 03 LINCOLN 3798 04 WEBSTER	7 9 6 1 4 5 5	39 26 37 35 38 40 39 06 37 22 38 40 38 56 38 56 38 14 38 39	80 08 81 07 79 19 80 3I 81 33 80 46 80 50 81 06 81 59 80 23	1298 3229 1900 1030 1426 840 727 730 950 1501	6P 6P 7A BA	7A 7A 8A 6P 7A 8A	H H	CITY FILTRATIOM PLANT FRED E. BOWLING GEORGE D. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. MATER SVC. CO. LEWIS WOLFE MOPE NATURAL GAS CO. ROBIN B. MOORE HRS. LELA M. CARTER	STONY RIVER DAM SUMMERSVILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BEND VALLEY HEAD	8608 8662 8782 8807 8924 8986 9011 9068	04 GRANT 04 NICHOLAS 02 BRAXTON 04 PRESTON 04 TUCKER 03 MASON 05 MONROE 04 RANDOLPH 04 RANDOLPH	9 39 08 4 38 17 4 38 39 2 39 27 2 39 09 4 38 41 10 39 19 7 37 36 10 38 46 10 38 33	79 18 80 50 80 41 79 33 79 30 61 50 80 02 80 32 79 56 80 02	3400 1930 835 2587 3010 630 1200 1975 2010 2425	7 7 7 7 7 7	4 000	FRED C. BECKER CMANLES F. GUM CORPS OF ENGINEERS CHARLES E. TREMBLY MRS. MARGARET PERKINS MISS. NORMA RUTH CASTO CORPS OF ENGINEERS MRS. THELEMA SPANOLER MRS. VIOLET L. SWECKER KENT SWECKER
HALL HAMLIN HARPERS FERRY HARPERS FERRY NAI MON HASTINGS HICO HOOSETT GALLIPOLIS DAM HOPEHONT HORMER HOULT LOCK 15	3816 02 BARBOUR 3846 03 LINCOLN 3927 06 JEFFERSON 3974 02 WETZEL 4128 04 FAYETTE 4200 03 MASON 4264 04 PRESTON 4281 02 LEWIS 4309 02 MARION	3 9 9 8 7 8 11 6	39 03 38 17 39 19 39 19 39 33 38 07 38 41 39 26 38 59 39 30	80 D7 82 06 77 44 77 44 80 40 81 D0 82 11 79 31 80 22 80 08	1375 642 405 22D 760 1955 570 249D 1075 878	5P	8A 7A 5P 3P 7A 7A 7A 4P 2M	C A	MRS.OPAL R. JACKSON W. VA. WATER SVC. CO. MISS ELEANOR J. MHITE NATIONAL PARK SERVICE MOPE NATURAL GAS CO. HRS MILDRED E CRIST CORPS OF EMGINEERS NRS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VANDALIA MARCENSVILLE R M FARM MASHINGTON DAM 19 MAYME 2 MERSTER SPRINGS 1 E WEIRTON MELLSBURG 3 NE MESTON MEST UMION MEELING WARWOOD DM 12	9281 9309 9323 9333 9345 9368 9436 9450	02 LEWIS 01 WOOD 03 WAYNE 04 WEBSTER 01 MANCOCK 01 BROOKE 02 LEWIS 02 OODDRIDGE 01 OHIO	6 38 56 9 39 06 8 39 15 7 38 13 4 38 29 8 40 24 8 40 18 6 39 02 5 39 18 8 40 06	80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 28 80 47 80 42	1120 960 600 1540 1040 668 1026 1000 659	8A 8 7 8A 8 5P 7 6P 6 6P 6 7A 7 6P 6 8A 7	A 9A A C P P P P A P P P A P P P P P P P P	CLARKSBURG WATER BOARD UNIVERSITY EFP. STA. CORPS OF EMGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUM HENRY JR. EARNEST F. SMITM CORPS OF EMGINEERS
MUNDRED MUNTINGTON FED BLDG MUNTINGTON WB AIRPORT IAEGER IRELAMD JANE LEW KERNEYSVILLE I NW KERNIT KEYSER KOPPERSTON	4369 01 WETZEL 4388 03 CABELL 4393 03 CABELL 4408 05 MC DOWELL 4478 02 LEWIS 4559 02 LEWIS 46763 064 JEFFERSON 4816 03 MINGO 4816 05 MINERAL 4956 05 WYOMING	8 1 6 6 9 1	39 41 38 25 38 22 37 28 38 49 39 06 39 23 37 50 39 26 37 45	60 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	1034 565 828 1084 1142 1020 550 625 930 1450	8A 5P	11D 7A 5P 4P 8A 7A 5P 6P	H)	MEGRS. LT. + HT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU HRS RUTH L.512EMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EDWARD H. BOWEN POTOMAC STATE COLLEGE HOPE NATURAL GAS CO.	WHITE SULPHUR SPRIMGS MIDEN MILLIAMSOM 2 MILLIAMSON 2 MINFIELD LOCKS	9554 9605 9610	05 GREENBRIER 03 CLAY 03 MINGO 03 MINGO 01 PUTMAM	7 37 48 4 38 26 1 37 40 1 37 40 4 38 32	80 I8 80 52 82 17 82 17 81 55	1914 1143 673 659 571	5P 7 8 8 8 7 7 7	A A	JAMES A. TERRY MRS, JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILLMA E. ROBERTS CORPS OF EMGINEERS
LAKE LYNN 2 SSW LINDSIDE LIVERPOOL LOCKEY LOGAN LONDON LOCKS MADISON MANHMOTON I N MANNINGTON I W	5022 D2 MONONGALIA 5224 O5 GREENBRIER 5264 O5 MONROE 5323 D3 JACKSON 5341 D2 GILHER 5353 03 LOGAM 5365 03 KANAWHA 5562 03 BOONE 5621 02 MARION 5626 D2 MARION	7 7 8 5 3 4 4	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 80 28 80 40 81 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975 995	5 P 8 A 7 A 8 A	7A 5P 8A 7A 8A 6P 7A	C CCCC H	WEST PENN POWER CO- RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UIT MOPE NATURAL GAS CO. COY E. MARSHALL CORPS OF PEGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST									

<sup>1 1 -</sup> BIG SANDY; 2 - CHEAT; 3 - GUYANDOT; 4 - KANAWRA; 5 - LITTLE KANAWRA; 6 - MONONGAHELA; 7 - NEW; 8 - OMIO; 9 - POTOMAC; 10 - TYGART; 11 - YOUGHIGGHENT

#### REFUIENCE NOTE

Additional information regarding the crimate of Weat Virginia may be obtained by writing to the State Climated splat, Age, unusat Engineering Ruilding, Weat Virginia Entwaratty, Morgantown, Weat Virginia 26506, or to any Weather Bureau Office near you.

DIM NSIGNAL UNITS: Unless otherwise indicated, dimensional units used in this holletin are. Temperature in 'F, precipitation and evaporation in to be and wind movement in miles. Monthly dagrae day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions untered in ligures are tens of diagraes.

CHERNATION FIME The Stallon Index shows observation times in local standard time. During the auminer months some observers take the placer attorns on developt saving time. Show on ground in the "nowled" and Show on Ground" table is at observation time for all except Weather Bureau and FAA stallons. For these stations show on ground values are at 7.00 s.m., E.S.T. Data in the "Extremes" table. "Daily Prediption" table, "Parly Temperature" table, "Evaporation and Wind" lable, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 74 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot dismeter unless officewise shown by footwale following the "Evaporation and Wind" table, Max and Min in "Evaporation and Wind" table refer to extreme a f temperature of water in pan as recorded during 24 hours ending at time of observation,

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of anow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpark may result in appearent inconstatencies in the record,

SKOWFALL. Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow,

NORMALS for all stations are climatological standard normals based on the period 1931-1960,

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin,

DELAYED DATA AND CORRECTIONS will be carried only in the June and December Issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
  - No record in the "Climatological Data" table and the "Daily Temperature" table is Indicated by no entry.
- . And also on an earlier date or dates,
- ++ Highest observed one minute windspeed. This slation is not equipped with an instrument to measure fastest mile data,
- \* Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield,
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing: if average value in entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

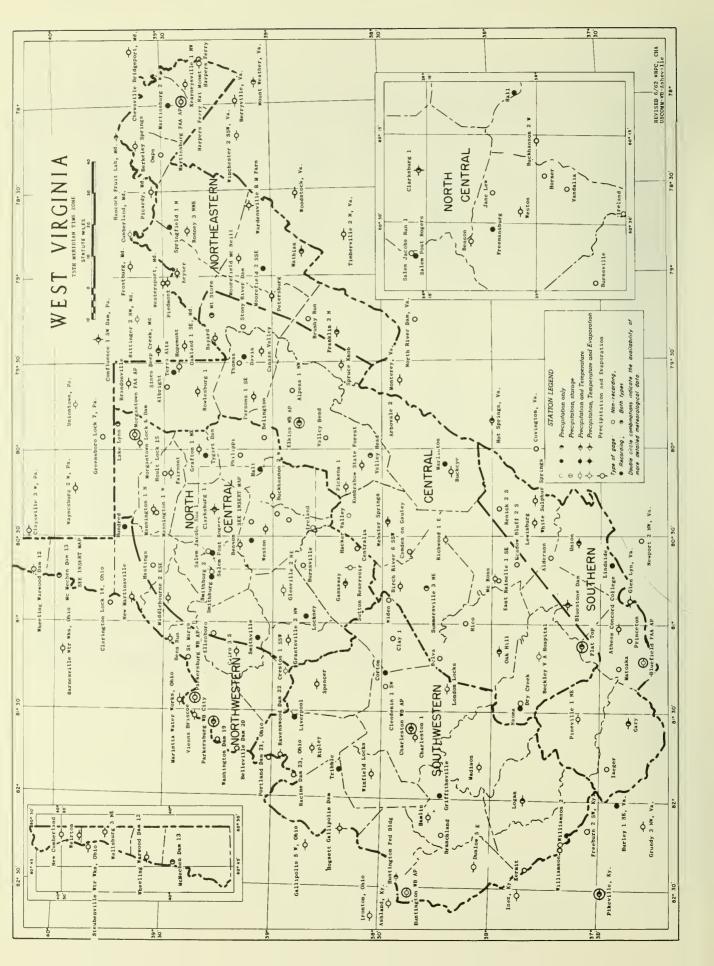
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S, for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 centa. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C.-9/17/64-725







# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

AUGUST 1964 Volume 72 No. 8



OCT 2 1954

### WEST VIRGINIA - AUGUST 1964

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 4th at Williamson and on the 3d at Huntington

WB Airport

Lowest Temperature: 27° on the 15th at Canaan Valley

Greatest Total Precipitation: 8.28 inches at Summersville

Least Total Precipitation: 0.96 inch at Wardensville R M Farm

Greatest One-Day Precipitation: 6.18 inches on the 31st at Piedmont

### SPECIAL WEATHER SUMMARY

Soil moisture was considered deficient in many areas at month-end, especially in the Eastern Panhandle. The last general statewide rainfall occurred during the cold-frontal passage August 3-4. Most of the State received a good ground-soaking rain from violent thunderstorms and damage was widespread throughout the southern half of the State. The accompanying map shows that rainfall totals were greatest over the higher elevations. Glenville was an exception with 2.47 inches recorded. In the Logan area in the southwestern part of the State, this was considered a drought-ending storm and was the first heavy rain in a month.

Another strong cold front passed across the State August 11-12, but rainfall did not carry over to the eastern side of the State. A third cold front August 22-23 deposited large amounts of rain just on stations in the vicinity of the Ohio River.

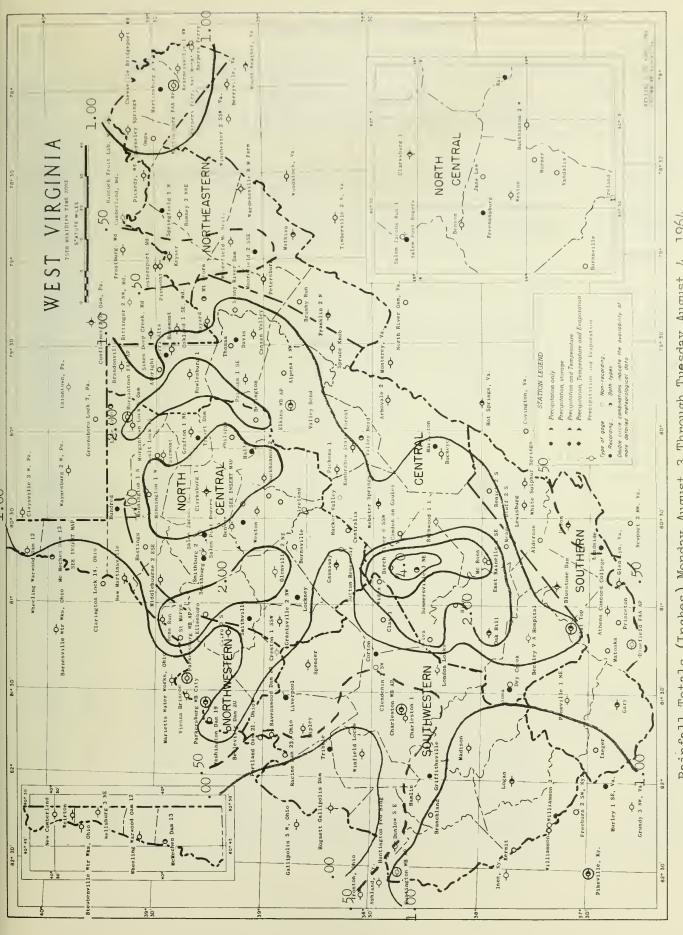
The fourth main rainfall period was from the remains of hurricane Cleo at the close of the month. Thundershowers, however, were spotty and well scattered; the greatest rainfall was at Morgantown, Piedmont, and Bluefield. A 3-hour downpour at Bluefield washed down into Bluefield,

Virginia, and caused a flash flood that resulted in thousands of dollars of damage. Although damage was less, a total of 6.18 inches was recorded in Piedmont on August 30. This may be a record 24-hour rainfall for the State.

These three cold frontal outbreaks kept temperatures and humidities at relatively comfortable levels the first three weeks. Record lows for the day were noted on the 15th at Parkersburg (47 degrees F.) and Elkins (39 degrees F.). Elkins also had a record 45 degrees F. on the 9th.

High temperatures prevailed the last week of the month, along with excessive humidity, induced into the general circulation over the State by the remains of hurricane Cleo.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506



Rainfall Totals (Inches) Monday August 3 Through Tuesday August 4, 1954

		-		Ter	mper	ature							_					Preci	pitation				
				Fa.					ga		o. of 1	÷				-g	<b>b</b>		Snov	w, Sleet		_	o. of I
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	<b>Degree Days</b>	Ma Above	32° or Below	Below Below	Below	Total	Departure	From Norm	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More
* * * NORTH#ESTERN 01																							
BEN5 RUN 1 SSE CAIRO 3 S CRESTON 1 S5W MOUNOSYILLE NEW CUMBERLANO	84.9 84.1 83.7 83.5	57.1 54.3 57.8 57.2	71.0 69.2 70.8 70.4	- 2.1 - 4.0 - 2.5	93 94 91 91	2 3 30 4	40 41 44 46	16+ 15	18 29 17 23	4 7 5 3	0000	0000	0000	3.79 4.62 3.95 3.39		.19 .31	1.07 1.44 1.07 1.26	12	•0	0000		6 6 9 6	3 3
IEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R IEIRTON IELLSBURG 3 NE	84.4 83.0 83.5 82.5 82.5	59.1 60.5 60.8 58.5 52.2	71.8 71.8 72.2 70.5 67.4	= 2.8 = 2.2 = 4.4	92 92 93 91 90	2 2 29	45 46 47 47 38	15 15 14	7 15 12 21 43	7 3 3 2 3	00000	00000	00000	3.00 4.01 3.72 1.93 2.75	-	.06 1.10	.87 1.38 1.82 .97	11 22 12	.0 .0	00000		7 5 5 4 6	2 2 3 1 2
NHEELING WARWOOD OM 12 OIVISION	81.0	57.5	69.3	= 4.0 = 3.1	91	31+	46	16+	25	4	0	0	0	2.98 3.41	-	.40 .58	• 72	12	•0	0		6	3
# # # NORTH CENTRAL OZ																							
BELINGTON BEN5ON UCKHANNON 2 W CLARKSBURG 1 CAIRMONT	80.6 82.2M 82.1 82.7 80.9	53.4 53.5M 55.2 56.1 58.0	67.0 67.9M 68.7 69.4 69.5	- 4.1 - 1.8 - 2.7 - 3.7	92 89 91	29 2 31 • 22 28		15	43 36 30 20 29	0 2 0	00000	00000	00000	3.57 2.64 2.39 3.81		2.19	1.61 1.41 1.17 1.17	23 12 23	.0	0 0 0		6 4 5 6	2 2 1 3
SASSAWAY SLENVILLE SRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE	83.6 83.1 84.1 82.6 81.8	58.8 56.5 57.4 53.7 57.1	71.2 69.8 70.8 68.2 69.5	- 4.8 - 2.9	92 94 90 89	3 23• 30•	45 44 43 38 43		17 25 20 29 22	3 4 5 0	00000	00000	00000	3,26 6,35 3,75 4,16 4,13	;   •	.50 .46	.92 1.75 1.40 1.15	3 23	•0	0 0 0		S 6 5 5 7	4 5 3 4 6
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNION	79.2 81.7 84.3 82.0	57.8 58.0 56.1 55.0	68.5 69.9 70.2 68.5	- 3.7	88 90 92 90	28+ 23+	44 45 44 42	15	35 25 21 27	7	0 0 0 0	0000	0000	4.77 4.70 4.46 4.99		.44	1.41 1.49 1.23 1.11	23 12	•0 •0 •0	0		8 7 7 7	3 3 4 5
OtVISION			69.2	- 3.4										4.08	•	•46			•0				
SOLTHWESTERN 03  CHARLESTON W8 AP R CHARLESTON 1 CORTON DUNLOW 5 E HAMLEN	85.2 85.9 86.0 84.0 85.1M	60.9 61.6 58.8 60.1 56.2M	73.1 73.8 72.4 72.1 70.7M	- •7	95 95 93 95	22	46 48 45 45	15 15 15	13 9 13 18 22	11	00000	00000	00000	3,23 2,49 3,89 3,54 3,51		.72 1.46	1.14 1.08 .93 1.28 1.32	12 19 12	•0	0000		7 5 5 7 6	2 2 5 2 4
HOGSETT GALLIPOLIS DAM HUNTINGTON FED 8LOG HUNTINGTON W8 AIRPORT LOGAN LONGON LOCK5	86.2 86.2 84.7 87.5 85.5	S8.S 63.2 61.3 60.9 61.S	72.4 74.7 73.0 74.2 73.5	- 1.4 - 1.0	98 97	3 3 4	47 49 46 54 51	15 15 21+	16 9 17 0 9	14 13 8 15	00000	00000	00000	5.73 6.21 2.50 2.68		2.34 3.39 1.50	3.52 2.90 1.35 1.06	23 22 12	•0			3 4 2 5	3 3 2 3
MAOISON POINT PLEASANT S NNE RAVENSWOOD OAM 22 RIPLEY SPENCER	85.5 86.6 86.8 87.6 84.2	59.5 57.6 59.2 58.8 57.5	72.5 72.1 73.0 73.2 70.9	- 1.1 - 2.3	97	3+ 3+ 3+	47 40 43 43	15 15• 15	13 18 17 16 24	11 13	00000	00000	00000	3.31 4.38 3.82 5.76 3.46	-	.41	1.59 1.82 2.70 2.01 1.12	23 23 23	.0	000		4 4 3 7 6	3 4 2 6 2
WAYNE Z Williamson Winfielo Locks	88.1 85.5	61.7 59.9	74.9 72.7	- 1.6 - 2.3			50 48	15 16	5 11	15	0 0	0 0	0 0	2.97 2.78	•	1.33	1.27		•0	0		5 4	2 2
OIVISION			72.9	- 1.9										3.77	•	.03			•0				
CENTRAL 04  ARBOVALE Z SAYARO SECKLEY V A HOSPITAL  BECKLEY W8 AP	78.5 76.2 78.7 78.3	49.8 49.8 54.7 56.3	64.2 63.0 66.7 67.3	- 2.3 - 2.6		22	32 36	15 15 15 15	66 95 44 48	0 0	0000	0 1 0 0	0000	2,58 1,98 2,71 2,38	- :	1.31 2.72 1.82	1.48 .80 .81	12	•0			3 5 6 8	2 1 2 2
BIRCH RIVER 6 SSW BRANOONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	77.3 81.6 74.8 78.4 74.7	S1.4 54.4 47.6 S3.2 53.8	64.4 68.0 61.2 65.8 64.3	- 3.0 - 2.3	90	22	34 39 27 39 36	15 15	85 25 130 55 79	0 0	00000	0 0 1 0 0	00000	4.81 3.38 4.50 3.55 2.43	-	.68 1.94	1.06 1.31 1.90 1.11 1.09	12 3 3	•0	0 0 0 0		7 4 8 9 5	4 3 2 2 1
HOPEMONT MC ROSS DAK HILL PARSONS 1 SE PICKENS 1	74.8M 79.3 81.9 80.4 75.4	\$2.8 \$4.4 \$5.3 \$5.6 \$2.5	63.8M 66.9 68.6 68.0 64.0		82 88 90 88 84	1 7 4+ 23	39 38 41 41	15 15 15 15 15	64 42 35 33 81	0 0 2 0	0000	00000	00000	3.40 5.04 4.86 3.64 4.20			.94 1.90 2.35 1.36 1.55	4 4 3 3	.0	0000		8 7 5 8 6	2 3 3 2 3
RICHWOOO ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	78.4M 81.7 75.0 83.2	54.4M 56.2 54.2 56.3	66.4M 69.0 64.6 69.8		86 90 82 91	2 30 31+	35 43 41	15 15	44 21 68 38	0 1 0	0000	0000	0000	7.00 4.13 2.01 2.73			1.86 1.85 .48	3 4 4	.0 .0	0 0 0		9896	6 3 0 2
OIVISION			65.9	- 1.9										3,63	-	1.31			•0				

Continued

				Ter	mperi	ilure												Preci	pitation					
										N	o. of l	Daya							Sno	v. Sloet		No	o, of l	Daye
Station	Average Maximum	Average Mindmum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max.		Min.		Total	Departure From Normal		Greatest Day	Dahe	Total	Max. Depth on Ground	Date	.10 or More	S0 or More	1.00 or More
* * * SOLTHERN 05																								
ATMENS CONCORO COLLEGE BLUŁFIELO FAA AIRPORT BLUESTONE OAM GARY //R KOPPERSTON	79.9 76.1 82.9 83.2 82.2	56.4 59.5 58.5 56.4 57.8	68.2 67.8 70.7 69.8 70.0	- 3.2	86 84 93 91 90	280	46 47 43	15 16. 15 15	29 33 15 21 22	0 0 3 4 2	00000	00000	00000	3.77 5.14 3.02 3.12 4.02		.95	1.45 2.15 1.49 .92 1.96	28 12 12	.0	0 0 0		87466	3 3 3 3	1 1 0 1
LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS	81.0 84.0 81.0 83.0	56.2 56.6 53.5 56.5	68.6 70.3 67.3 69.8	- 3.0 - 1.4	89 93 89 92	2 4 4 2	45 36		25 15 49 18	0 3 0 4	0000	0000	0000	2.98 2.19 2.74 3.74	:	.64	1.00 .90 .92 1.70	12	.0	0 0		5 4 6 5	2 2 2	0 0 1
OTVISION  NORTHEASTERN 06			69.2	- 2.7										3.41	•	.44			•0					
BERKELEY SPRINGS FRANKLIN 2 NE MARPFRS FRRY NAT MON KEARNEYSVILLE 1 NW KEYSER	84.2 81.5 86.4 82.9	55.9 54.8 60.9 58.2	70.1 68.2 73.7 70.6	_ 3,1	95 90 95 95	25 22	39 47	15 15 15 15	21 33 1 18	8 1 11 6	0000	0000	0000	1,52 2,69 3,12 1,97	- 1	2.23	.80 .76 1.48 1.53	3 4 30 4	•0	0000		3 5 3 3	1 3 2 1	0 0 2 1
MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL OMPS PETERSBURG	84.5 83.3 87.3M 83.9 86.6	58.5 53.7 53.5M 55.6 58.2	71.5 68.5 70.4M 69.8 72.4	- 2.7	95 92 98 96 95	21 23 23	36 42 43	15 15 17 15 15	7 34 11 21 13	8 4 8 7 13	00000	00000	00000	2.11 1.77 1.23 1.64 1.22		2.11	1.60 .50 .80 1.15	30	•0	0 0 0		3 5 4 3 4	1 1 1 1	0 0 1
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	81.4 85.1 84.0	57.0 55.0 54.8	69.2 70.1 69.4	- 3.0 - 1.7	95 96 95	22	37	15 15 15	25 23 23	2 8 6	000	000	000	6.89 2.10 .96		2.88	6.18 .89 .58	30	.0	0		4 4 2	1 2 1	0
PIVISION			70.3	- 2.0										2.29		1.75			•0					

Station	Total	1 2	3	4	5 6	7	8	9	10	11	12 1	3	14 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CRYHAESTERN 01																												
LLEVILLE DAM 20 NS HUN 1 SSE	4 + 4 4		-11	-				-	-		.79 1	1		1 -	_	_	• 05		• 03		2.25	_		.29				
1RC 3 S FSTON 1 55m	3.79 4.62		.55	.88			04	.03		1	.07						. 45		.08	.65	1.40	.08		.24				T
LENBORO MECHEN DAM 13	5.28 3.93		.05 1	• 25			•06				.26		•11			.11	e 02		•31	.01	1.80			.11	.01			
UNDSVILLE A CUMBERLANO A MARTINSVILLE	3.95 3.39 3.00	.02 1 .65	.05	• 72						.22 1 .19 1 .27	.26 .	07	• 08			.20 .04 .03		.13 .07	.07	.19 .16				.20 .16		7		Ţ
KFRSBURG FAA AP	4.01	.35	. 44	Т					1	.38	.01					.02		*07		1.30			•46	.02	- 1			T
RKERSHURG WB CITY R MARYS SHINGTON OAM 19	3.72 5.12 4.38	1,19	.94								.90 .86	02			Т	. 02	.03	Ť	.04	.56	.94		.33	.08 .59	т			*01 T
IRTON LLSBURG 3 NE	1.93	.02	.46							.04	.97	02	.03			T •16	***	•14 •07	.07	.06		.08		.22				
ELING WARWOOD OF 12	2.98		.65	•57			•02				.72 1	r	.02			.02	•02		•22	.08	.31	. 08		. 26	.01			
RTH CENTRAL 02																												
INGTON SON	3.57		.64	. 12			•12	Ť		1	.05	02			T		. 25			T	.20 1.41	-			.01			.07
CKHANNON Z W	2.64 5.20 3.12	.03	.69 .57	.01 .64	. 02		•55			.07 1	.17 .80 .77					T	1.26			Т	.78				- 1	T		1.13
NTRALIA 2 NNW ARKSBURG 1	2.39	. 27	. 25								.39					т	•09				1.17					T	.30	•20 T
LRMONT SSAWAY ENVILLE	3.81 3.26 6.35	•34	. 92	.75	T		.01				.61 .71	05				.06	•20	•12	.07	*32 T	1.42 .51 1.46				7		•62 •70	.41
ANTSVILLE 2 NW	3.75	1.	.40							•06						.10					.96			•06	- 1	.07	.10	
TINGS NER LT LOCK 15	4.07 2.49 3.46	.55	.41	•57			т				.96 .00	02				.03 T	•0B	T	.04		1.86		•65		Ш			T
LAND VE LEW	3.64	1.	.75				•22			T	.80	.03				.10	•23			. 02	.40						.07	.36 .02
E LYNN NINGTON 1 N	4.19 4.16	.10	.18 1					- 1			.90	02	.16		.07	.05		.09	.52	.58	1.19				200	T	T	.01
NNINGTON 1 W DOLEBOURNE 2 ESE	4.23	.78	.31	*74 T						.14	.06		т		T	• 02	.01	. 02	.13	.51	1.93			.55				.03
RGANTOWN FAA A1RRORT RGANTOWN L AND D	4.77		. 09				•01				.41 1		•12			.09	.05	•13	•17	.38	1.00							1.08
LLIPPI TTON RESERVOIR	2.77 3.98		.20		.01		.04				.89 1 .71	7	Т			03	.45		Т		.39					02	T	.03 1.62
NOALIA STON	4.23		.66	.43			.06 .15	•02		1	1	02				. 03 T	.35		Т	.01	. 94					.02	•59	• 02
5T UN10N	4.99	.70 1	.05							•6B	.97	04			T					.25	1.11	T		.02		.17		T
UTHWESTERN 03																												
ANCHLAND ARLESTON WB AR R ARLESTON 1	6.94 3.23 2.49	.53	.17 1 .40	•15			T		1	.14	.05 .08					.36	.56			. 03	.56 .22 .26					.43	.01	.68 .12
NY 1 ENDENIN 1 5W	5.45 2.21		.90	•82 •10						1	.00 .85						2.25				.38 .47						.23	
RTON NLOW 5 E	3.89 3.54	•02	. 82 T	• 30						.01 .04 1	•91 •28			.03		. 62	.93			.02	•51 •39			т		*65 T	.40	.04
MLIN GSETT GALLIROLIS OAM	3.51 5.73			. 75						1	.32 .98						.57				3.52	Ť		1.12		Y		.12
NTINGTON FEO BLOG NTINGTON WB AIRPORT	6.21	1.	.03	•	• •	•	•	•	2	.15	 T	•	• •	•	-	•	•	•	•	2.90	•	•	.10	.03				- T
RM1T GAN	2.50		1	.26			.03	T		1	. 35	02		7 7			•01				,19					T	T	.08
NOON LOCKS 0150N	3.31		. 04	•24							.06 .85			т			• 05				.02	.01					.18	.61
INT RLEASANT 5 NNE VENSWOOD OAM ZZ RLEY	4.38 3.82 5.76		.03	•30						• 72	.82 1	r				.05	.07 .70				1.62 2.70 2.01			.51	.01			T
ENCER	3.46	:		•46 -				-			91			-		-	•34	-		-	1.12			31				-
DEN LL1AMSON	5.93	1.	.71 1	•36			.15	.03	•05	1	.91 .21			•13			1.02				•32					.13	.03	.45
LIAMSON 2 FIELD LOCKS	2.62 2.78		i	*30 T				.06	•••	1	.10			.13			•14				.80			.03	.01	.17		.03
• • • ENTRAL 04																			1									
BR1GHT	3.34		.22	•73			30	04			.65						•06		.07		.48 .33	• 02					•10 •30	.22
PENA 1 NW POVALE Z YARD	4.03 2.58 1.98			. 82			.30	.14		1	.90 .48 .80		.08	• 04			.45 .05		.03		Ť	• 05					.22	.04
KLEY V A HOSPITAL	2.71			•62 T	.05		.08	.15			.81			•11	• 09	T •15			1		т			.10	.40	.20	.11 T	,
VA RCH RIVER 6 SSW	4.83	1.	.03 1	.28			•	.38	-	_	.94			-	-	-	.75 T	T		-	.38	• 1		•	-	•	.07	-
ANOONVILLE CKFYE	4.81 3.38		.95 .02 1	•16			. 04			1	.06 1		•28		.07	•04	•13		.30		.09						•06	
MOEN ON GAULEY	4.44	T 1.	.33 1 .90	.05			.08			•30	.35				.04	•56 •23	.10		•12	т	.40	.34		т	• 56	.07	.03	, 21
r CREEK ST RAINELLE 3 NNE (INS WB AIRPORT	1.73 4.24 3.55	.20 1.	.16 .87 1	•50 •95			•10 •21	•22			.67 .80 .51			т	.03	. 15	.03 .25				.36			T		.36	.16	.04
AT TOP	2.43		.15	.44	.07			•02		1.	.09			.44	. 04		• 02				.61				- 5		.02	Ţ
KER VALLEY ONT	4.06 3.77 3.40	1.	.62	.94			.01	•20			.40 .98 .06	42			.01	.12	•31			. 24	.15					•42	.21	
ROSS STORM	3.09	1.	.18 1 .26	. • 90			.08	.28		.08 1	.13	20				.13	•20		T		т							
RSONS 1 SE	4.86 3.64	,33 l	.35 1 .36	+07			.07	.24		.18	.77	~0			.04	.46	.16	т	.07		.05	.01				.01	.11	.02
CHENS 1	7.00		.86	• 99			•15 •74	Т		.21 1	. 55					. 28	•10 •20	.55			.45	• 02					.43	
WLESBURG 1 RUCE KNOB	4.13 2.01		.60 1 .05	. 85 . 48	. 08		•16 •10	•30			.75 T		•10 •05		.15	. 25	•10 •15		Т		.32 .10				Ť		7	T .25
CNY RIVER DAM PMERSVILLE	2.97 8.28	2,	. 23 1	89	7			.52		1	. 23		•09				.24 1.17		.01		.73 .13	.04					•10 •51	.10
CMAS LLEY BEND	3.40		.25 1	.97	'			T,		1.	.11		.07				.83 T				.30	7					.42	.20
LLEY WEAD BSTER SPRINGS 1 E	3.08 2.73		.32	.81				.08		1.	.17						•10 •27				.10						,10	.54

# DAILY PRECIPITATION

WEST VIRGINIA AUGUST 1964

	Te														Day	of M	onth																
Station	Total	1	2	] 3	4	1	5	6	7	0	9	10	11	12	13	14	15	16	17	18	19 ]	20	21	22	23	24	25	26	27	28	29	30	3
SOUTHERN 05																																	
DERSON HENS CONCORO COLLEGE LUEFICED PAA AINPORT LUESTONE OAM RY //R	2.15 3.77 5.14 3.02 3.12		. 9	0 .1	3 7	2.9			T	.09	.24	T		.95 .69 .72 1.49				*19	*04 *10 *	• 09:	*12		7			1		¥	T	2.19	.10 1.45 T	T +91 T	•
EGER PPERSTON W15BURG 2 55W 70AKA NEVILLE	4.02 2.98 3.19 2.19			1.0		79				.03	•50	.09	.24	.72 .62 .67 .36	.05			.17 .11 .04 .05	009 T .03	.16	• i 1							.01	•02	.04	1.96	.07 .03	:
INCETON NICK 2 S ILON INTE SULPHUR SPRINGS	3,38 4,26 2,74 3,74									* 0 <i>2</i>	.07 .18			.73 .79 .55 .87				.02	1 +04 +04 +08		18 +28 +29		T						.29 .40 .02		.02	.01	1.
ORTHEASTERN 06 RKELEY SPRINGS	1.52		. 2	7 .8									.04	.04						.01		T	.26	т							24	.5A	
RUSHY RUN RANKLIN 2 NE ARPERS FERRY ARPERS FERRY NAT MON	3.30 2.69 1.63 3.12		т	.1	0 1.	76		т		.01	.09			.72		T .01			.20 .17	+05	•19 •07 •12 •13		1 .02						.57		. 67	35	1
EARNEYSYTLLE 1 NW EYSER ARTINSOURG FAA AP ATMIAS DOREFTELO MCNEILL	2.11 1.77 1.23			2 1.6				- !		-	-		T .06	.09	T .08	-01	. 03	- T +24	-	.28	-19 -	- t • t 0	.03		•	•	•	.05	.12	-	-	.18	) ,
MP9 ETERSBURG LEOMONT DMNEY 3 NNE AROENSVILLE R M FARM	1.64			.2		3 2				Ť				.09 .35 .05 .28	.08	† † •02			.03	.03	.11 .15 .10		.04	.02		•0	1					.15 T	6

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat	tive hun	nidity av	erages -		Numl	per of d	ays with	precip	itation			inset
Station .	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1 00 AM EST	7,00 AM EST	1,00 PM EST	7,00 PM EST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	24	6	7.1	23++	32	12	88	91	57	69	5	2	6	2	0	0	15	_	7.2
CHARLESTON W8 AIRPORT	22	9	5.0	32++	02	3	86	89	51	56	1	4	5	1	1	0	12	-	6.5
ELKINS WE AIRPORT	16	5	4.4	32++	33	3	98	98	60	78	4	1	7	1	1	0	14	-	7.5
HUNTINGTON W8 AIRPORT	18	7	4.9	30++	35	3	84	91	55	59	2	1	1	0	1	2	7	-	5.8
PARKERSBURG W8 CITY	-	-	5.8	28	SW	11	-	-	-	_	3	4	2	2	1	0	12	65	-

# DAILY TEMPERATURES

										וע	71L	-	11	TATE	- 1-1																AUG	SUST	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
* * *			1															1									_	L					
NORTHWESTERN 01																																	
BENS RUN 1 SSE	MAX MIN																																
CAIRO 3 S	MAX MIN	88	93	87 68	84 65	86 64	85 58	89	87 66	79 49	88	86 59	85 63	71 50	74 49	75 40	81 43	84 52	83 58	80 50	87 46	90 55	87 66	8 8 6 2	84 56	87 54	78 63	92 56	90	88	87 66	89	84.9 57.1
CRESTON 1 SSW	MAX MIN	85 53	89 53	94	90	84	86 57	85 54	91 54	85 48	81	90	90	71 48	70 45	73 41	76 41	78 50	83 55	84 52	77 48	88	90	90	82 54	85 53	84 53	79 56	87	87	86	86 65	84.1
MOUNOSVILLE	MAX MIN	88	90	82	81	85 68	83 53	88	86 58	79 50	86 51	90 58	78 63	71	72 50	76 44	81	83 54	82	75 52	78 48	88 58	87	88	83 57	85 57	85 67	86 55	90	90	91 66	89	83.7
NEW CUMBERLANO	MAX MIN	84 52	90 62	90 68	91 61	89 62	89 52	89 55	89 54	86 49	83 53	88 59	82 61	66	70 46	77 47	80	83 52	80 62	72 49	73 51	86 58	85 68	83 68	81 56	85 56	83 61	84 53	89 62	89 65	89 64	85 67	83.5
NEW MARTINSVILLE	MAX MIN	90 55	90 62	82 69	82 62	87 66	85 58	85 54	85 56	78 56	87 54	90 60	81 62	71 52	80 45	80 46	81 50	85 57	85 62	77 55	80 50	88 58	85 71	84 69	86 58	87 58	76 63	85 57	92 64	91 66	91 68	90 70	84.4 59.1
PARKERSBURG FAA AP	MAX MIN	89 56	92 65	88 70	84 66	86 65	82 60	90 57	83 63	75 55	87 56	86 65	69 55	70 53	72 50	76 46	81 49	83 56	85 62	75 52	87 51	90 64	81 72	83 67	84 60	85 58	76 65	84 60	88 73	88 70	86 70	87 65	83.0
PARKERSBURG WB CITY	MAX MIN	90 59	93 66	88 70	84 67	85 65	85 62	89 59	82 61	78 56	89 57	86 65	68 56	70 52	72 53	77 47	81 48	85 58	84 62	77 54	88 52	89 63	80 70	8 2 66	84 60	86 58	77 64	87 60	90 71	89 69	87 70	86 66	83.5
WEIRTON	MAX MIN	86 54	89 65	86 69	80 60	86 63	83 55	86 56	80 67	79 51	84 53	87 63	80 60	67 51	72 47	78 48	83	83 53	82 62	74 48	72 50	87 59	79 70	83 69	83 58	86 57	80 60	87 50	90 66	91 68	87 66	89 68	82.5 58.5
WELLSBURG 3 NE	MAX MIN	86 47	90 57	81 65	81 58	85 61	83 49	87 46	82 47	75 45	86 49	88 56	82 54	68 46	71 45	77 38	81	83 44	80 58	74 45	75 42	87 54	82 65	83 66	82 50	86 49	82 59	85 45	90 57	90 60	87 60	87 61	82.5 52.2
WHEELING WARWOOD OM 12	MAX MIN	81 57	80 58	90 67	81 62	79 62	85 58	81 54	86 55	78 56	74 55	87 57	88 64	70 53	69 50	70 46	74 46	81 49	82 55	81 52	74 50	74 52	87 61	82 70	82 60	82 58	84 60	74 55	84 55	90 68	91 68	91 68	81.0 57.5
NORTH CENTRAL 02																																	
BEL 1NGTON	MAX	82 52	85 56	86 60	84 60	78 61	82 56	81 55	84 55	82 46	76 47	82 53	85 57	74 53	66 49	70 39	72 40	76 48	80 53	79 54	69 45	82 46	86 55	88 59	81 56	83 53	85 53	75 54	85 54	89 60	86 61	87 64	80.6 53.4
BENSON	MAX MIN	85 53	92 60	90 67	79 59	85 62	87 55	86 50	84 65	75 47	85 50	82 50	80 55	68 50	70 47	76 39	79 44	80 51	80 55	79 48	84 44	87 53	90 61	88 67			81 53						82.2 53.5
BUCKHANNON 2 W	MAX MIN	85 54	88 60	83 67	80 61	83 63	82 55	85 53	82 67	78 47	85 49	87 57	80 61	68 53	70 46	78 38	77 45	80 51	80 53	70 51	82 43	87 54	89 60	81 67	82 54	85 52	80 57	86 55	89 57	88 59	85 62	89 61	82.1 55.2
CLARKSBURG 1	MAX MIN	86 54	90 60	83 68	83 61	84 62	82 56	86 52	83 56	77 50	86 51	89 59	71 57	78 50	70 47	79 43	78 45	80 54	80 56	73 49	83 46	87 55	91 65	81 61	83 56	85 55	79 62	86 56	89 60	86 62	88 63	87 69	82.7 56.1
FAIRMONT	MAX MIN	85 56	85 63	84 64	80 59	84 62	82 58	86 54	80 60	74 53	84 53	87 62	68 58	66 51	67 49	73 42	80 47	80 57	81 60	73 49	80 48	85 58	87 67	81 67	83 59	84 59	76 63	86 57	88 66	86 66	87 66	87 66	80.9 58.0
GASSAWAY	MAX MIN	88 59	92 60	90 68	82 69	85 67	84 61	87 59	84 64	80 50	85 54	88 58	82 64	71 52	73 47	74 45	73 49	81 56	82 54	75 55	85 49	88 57	92 60	85 67	84 61	86 57	79 60	87 62	89 60	89 63	84 66	87 69	83.6 58.8
GLENVILLE	MAX MIN	84 57	87 58	94 60	90 67	80 65	85 59	82 57	88 58	85 50	78 53	87 55	88 58	72 50	70 49	73 44	74 45	78 47	82 57	82 55	74 50	85 52	88 54	90 60	84 58	84 58	86 59	77 59	86 59	90 63	88 65	85 70	83.1 56.5
GRANTSVILLE 2 NW	MAX MIN	86 56	90 60	90 55	85 65	85 59	85 56	90 65	85 50	79 54	89 60	88 65	84 65	84 50	69 48	73 43	75 48	83 57	83 54	75 50	75 50	89 51	90 64	90 68	83 55	84 56	86 63	80 58	88 62	88 67	89 63	87 61	84.1 57.4
MANNINGTON 1 N	MAX MIN	86 48	86 57	81 58	83 62	84 62	83 52	81 51	82 62	78 45	87 48	89 53	83 62	72 52	71 48	73 39	81 38	81 52	80 50	76 47	79 49	87 55	86 63	82 67	83 52	85 53	80 53	86 51	89 52	89 58	89 60	88 67	82.6 53.7
MIDDLEBOURNE 2 ESE	MAX MIN	85 52	90 61	82 68	83 64	85 63	84 57	87 52	82 56	77 50	86 53	86 58	74 64	69 50	71 52	75 43	75 44	81 54	75 53	75 54	80 47	88 53	86 68	82 67	82 57	85 57	77 63	85 51	89 67	87 64	88 66	85 63	81.8 57.1
MORGANTOWN FAA AIRPORT	MAX MIN	83 55	83 64	78 64	77 60	81 63	79 55	82 55	78 56	70 51	82 53	85 64	67 57	66 49	68 48	70 44	78 50	78 57	80 57	71 49	83 49	85 59	84 69	79 65	79 58	82 58	73 62	87 56	87 68	84 68	88 67	87 62	79.2 57.8
MORGANTOWN L AND O	MAX MIN	85 55	85 62	81 67	81 59	84 63	81 56	85 50	80 66	73 49	84 52	90 60	78 61	68 50	69 49	75 45	80 48	81 56	82 59	74 50	80 50	85 59	87 66	83 67	83 58	84 58	76 64	86 56	90 62	87 65	89 66	88 69	81.7
WESTON	MAX MIN	85 55	88 58	92 63	87 62	83 62	85 59	85 56	90 56	83 51	79 51	90 54	90 62	74 52	72 48	74 44	77 44	80 48	83 57	81 54	74 49	87 49	89 57	92 67	82 58	84 58	87 57	81 59	91 59	91 61	88 64	88 66	84.3 56.1
WEST UNION	MAX MIN	86 53	90 60	85 68	80 60	85 65	85 58	87 53	82 53	75 49	85 52	87 59	75 63	70 49	70 50	74 42	78 45	80 54	82 52	74 50	80 47	84 49	85 47	84 47	83 51	85 56	77 63	85 55	88 61	85 62	88 64	88 68	82.0 55.0
* * *																																	
SOUTHWESTERN 03																																	
CHARLESTON WB AP	MAX MIN	90 61	95 65	95 71	87 70	86 66	86 61	91 62	89 64	83 54	90 55	93 65	73 61	71 52	74 47	75 46	73 53	83 58	81 60	77 57	88 51	90 61	91 73	86 67	84 60	87 56	80 63	91 60	89 67	89 67	85 68	89 68	85.2 60.9
CHARLESTON 1	MAX MIN	83 62	91 64	94 69	95 70	87 71	85 62	87 62	92 66	88 55	85 57	92 62	92 67	75 55	72 50	76 48	75 51	73 59	85 60	85 60	80 53	90 56	91 65	92 70	87 62	87 58	89 62	81 62	90 65	88 68	91 69	86 70	85.9 61.6
CORTON	MAX MIN	89 59	92 61	92 67	88 66	87 68	89 55	90 60	8.8 60	85 52	89 54	90 60	83 63	70 53	74 46	76 45	77 51	84 55	83 55	78 58	88 49	88 57	93 64	91 66	89 59	88 56	85 61	87 61	88 62	90 65	87 65	89 69	86.0 58.8
OUNLOW 5 E	MAX MIN	88 59	91 60	95 71	93 65	84 68	84 60	88 60	87 68	84 55	89 54	89 67	78 62	68 51	71 47	74 45	73 53	81 51	81 59	78 53	88 53	88 64	87 68	83 62	84 60	85 57	81 67	88 59	89 68	89 67	77 65	88 66	84.0 60.1
HAMLIN	MAX MIN	85 55	92 57	94 65	97 66	88 69	87 56		90 57	89 49	85 50	91 54	90 63	72 50	70 45	75 44	77	74 55	84 55	84 56	79 49	8 0 50	90 60	91 64	85 59	85 53	86 55	80 59	90 62	92 64	90 55	80 65	85.1 56.2
HOGSETT GALLIPOLIS OAM	MAX MIN	86 55	93 56	97 64	98 70	90 70	90 66	88 58	94 58	90 52	84 58	93 52	91 65	71 52	68 48	74 47	77 48	82 48	85 59	85 57	79 50	90 50	91 62	88 70	84 60	85 56	86 57	80 62	90 64	91 64	90 66	82 69	86.2 58.5
HUNTINGTON FEO BLOG	MAX MIN	94 59	96 69	97 72	90 70	89 72	91 65	91 64	90 68	85 57	91 58	88 66	67 59	66 53	76 51	78 49	81 55	84 61	86 67	83 60	91 56	90 67	88 71	83 68	85 62	86 60	80 67	91 63	93 68	91 69	82 70	88 63	86.2 63.2
MUNTINGTON WB AIRPORT	MAX MIN	93 57	97 70	100	88 70	89 70	88 65	91 62	90 70	83 55		87 63 Refer	69 59 ence N	67 52 Notee Fo			76 50 ion Ind	81 57 lex	83 64	79 56	92 53	89 66	89 70	82 67	82 58	84 57	77 64	88 61	90 66	87 65	81 66	86 67	84.7 61.3

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# DAILY TEMPERATURES

Continued		1								DI	XIL	-	11	TATI		IIA	10	ILL	70						_			-	-		AUG	70% T	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
LOGAN	MAX	91	94	95	98	80	89	90	91	89	89	92	90	75	72	75	90	71	85	85	83	92	23	94	88	88	90	84	92	95	93	83	87.5
LONGON LOCKS	MIN	58	91	63	95	89	87	63	91	87	95	90	91	74	70	75	77	72	82	81	79	89	92	92	86	58	90	81	67	88	91	89	85.5
MADISON	MIN	86	91	94	96	86	86	87	89	58 85	58	89	90	73	71	74	77	73	59 84	85	80	36 89	90	90	86	63	62	82	93	93	89	63	85.5
POINT PLEASANT 5 NNE	MIN	88	96	73 96	86	88	86	94	90	85	93	92	88	70	75	75	82	95	56 86	85	91	91	87	83	63 85	85	58 83	86	63	89	87	88	59.5 86.6
RAVENSWOOD DAM 22	MIN	88	95	70 95	89	86	87	55 92 57	87	50 91 53	91	88	83	74	74	75	43 81	49 84 54	85	51 86	88	89	90	90	56 85 57	53 85 55	63 86 64	59 86 59	58 90 69	90	90	90	57,6 86.8
RIPLEY	MIN	92	97	97	70	90	88	93	90	85 52	93	90	89	71	76	75	81	86	60 86 59	53 85	90	90	89	85	86	88	85	88 58	93	65 91 64	67	91	87.6
SPENCER	MAX	87	93	90	84	84	59 84	58 89 54	88	81 50	88	88	62 89 62	69 50	46 72 45	74 40	78 45	55 83 51	93	75 50	88 45	59 89 58	88 70	66 83 68	56 83 54	A5 53	83	86 58	86	88	67 85 64	68	58.8 84.2 57.5
WAYNE 2	MIN	54	59	68	68	64	58	, , ,	66	,,	1	62	96	00	~,	40	4,7	21	,6		*,	,,	, ,	0.8	54	33	01	,,	00	6,7	6+	67	51.5
WILLIAMSON	MAX MIN	90	95 64	97 70	100	91	89	89 64	92 65	91 63	87	92 58	89 66	75 55	73 51	76 50	79 52	72 62	85	85 60	94 56	93 58	92 62	94 66	88	88 59	93 58	88	92	96 67	92 69	84	88.1 61.7
WINFIELO LOCKS	MAX	85	91 58	95 67	96	90	88	88	92	90	85	91	89	71	70	75 50	77	77	85	83	80	89	90	88	83	84	86 59	79	88	91	89	84	85.5
	171114	,	,,	0,		, ,						-,			,,			-					02			,	-,		,		• ,	0,	.,,,
CENTRAL 04																																	
ARBOVALE 2	MAX MIN	83	88 53	82 62	72 58	80 51	81	я3 49	82 55	79 38	80 50	81 52	74 58	64	66	64	70 45	76 58	76 44	71 49	79 38	84 47	86 53	81 55	80 48	83	78 49	79	86 57	82 52	80	82 50	78.5 49.8
BAYARD	MAX	78	82	79 61	72	78 59	78 54	79 52	75 45	72	78 40	82	71 56	62	63	69	73	73 50	75 49	67	75 38	80	85 53	79 56	78 50	79 48	75 53	80	82	82	81	81	76.2 49.8
BECKLEY V A HOSPITAL	MAX	84	84	86	76	78 60	80	81	79	76 50	81	80	77	65	66	70 36	7R 56	74 57	76 50	73	81 43	84 51	84	81	79 56	82	80	79 52	83	81	79 63	83	78.7 54.7
BECKLEY WB AP	MAX	84	87	87	76	78 59	80 51	83	80 59	76 50	81	79 61	71 52	65	67	70 38	62	75 58	77	73	82 45	85 58	85 60	80	80 58	83	78 57	80	83	80 63	78 64	83	78.3 56.3
BIRCH RIVER 6 SSW	MAX					,			-,							-0														0-			
BRANDONVILLE	MAX	79	81 59	82 64	77	75 57	79 47	79 47	80 56	76 43	68	80 51	84 58	66 48	63 43	65 34	72 41	75 52	76 54	77	70 40	75 46	83	82 56	84 53	78 50	80 55	73 50	81	85 58	83 61	88	77.3
BUCKEYE	MAX	85 52	86 56	90	74	83 62	85 52	83 54	81 56	81	84	83 53	77	75 50	75 43	71 39	71	79 56	78 49	78 52	80	85 49	87	86 65	83 56	86 51	86 51	81	84	84	83	85 65	81.6
CANAAN VALLEY	MAX	79	79 54	76 56	70	75 55	76 43	78 45	76 55	72 34	76 44	81 48	71 55	60	60	6 A 2 7	64	70 50	74 47	64	75 35	80	84	79 50	79 52	79	79 50	75 50	80	82	79 55	79	74.8
ELKINS WB AIRPORT	MAX MIN	82 54	85 56	82 63	78 58	80 57	78 55	81 53	79 52	73 45	80 48	83 54	71 55	63 51	66 43	70 39	73 44	76 53	77 51	68	79 45	84 54	87 57	81 61	79 56	82 53	74 53	83 56	85 56	84 59	84 62	84	78.4 53.2
FLAT TOP	MAX MIN	77	80	82 65	84	71 59	74 52	78 54	79 55	76 46	76 48	78 58	73 59	68 47	63 45	63 36	67	57 53	72 56	73 46	70 43	79 47	82 55	82 61	74 57	76 53	80 54	76 55	76 60	80 60	76 60	73 64	74.7
HOPEMONT	MAX MIN	82 60	59	75 57	53	75 53	74 54	70 54	72 62	76 48	76 52	74 54	66 60	65 51	67 41	65 39	67 45	69 48	73 56	75 54	76 50	79 51	80 52	78 55	80 50	80 52	81 56	77 54	79 55	78 58	80 50	80 53	74.8
MC ROSS	MAX MIN	85 54	86 55	83 65	87 59	78 61	86 53	88 54	79 58	79 50	81 48	79 59	79 60	68 49	66 42	69 38	67 50	74 55	75 47	74 51	81 44	82 49	83 54	84 63	78 57	83 52	82 53	78 53	83	81 60	79 65	82 64	79.3 54.4
OAK HILL	MAX MIN	82 53	88	90 61	90	82 62	82 58	86 56	86	84 53	80 54	85 55	85 60	74 52	68	71 41	73 43	67 55	80 53	80 52	74 47	86 48	88 54	89 59	83 58	84 55	86 55	79 54	82 56	86 63	86 64	84 65	81.9 55.3
PARSONS 1 SE	MAX MIN	84 56	85 59	80 64	78 58	8 1 62	81 55	84 53	81 63	77 46	92 51	83 53	77 58	66 53	68	73 41	74 45	78 56	78 53	70 52	80 46	84 54	87 57	88 65	82 57	83 54	83 56	82 57	86 62	85 61	85 63	87 66	80.4 55.6
PICKENS 1	MAX MIN	80	82 56	79 63	74	76 59	76 50	79 52	78 59	70 43	76 47	80 57	71 56	60 50	64 43	68 35	68 45	73 52	73 48	65	78 42	80 47	84 57	77 64	76 53	79 51	71 51	79 50	82 60	80 57	81 60	79 63	75.4 52.5
R1CHW000	MAX MIN	84 54	86 54	75 64	77 62	79 61	80 51	82 54	82 59	76 48	80 48	80 58	77 59	65 48	77	71 35	66 50	76 56	75 47	75 52	79 53	80 56				81 51	78 57	80 52	83	85 59	83 63	83 64	78.4 54.4
ROWLESBURG 1	MAX MIN	86 53	86 59	83 66	78 58	82 60	83 56	85 52	81 62	76 47	84 50	85 55	77 61	68 53	68 51	76 43	79 46	80 58	79 54	72 53	81 48	87 56	89 61	81 61	83 57	86 56	78 57	86 56	87 59	88 63	90 64	89 67	81.7
SPRUCE KNOB	MAX MIN	78 60	80 55	81 56	78 51	65 52	75 54	75 55	78 65	79 52	75 48	79 56	80 58	79 46	60 46	61 41	65 43	67 46	71 59	75 50	64 48	72 56	78 57	79 55	80 56	77 60	80 60	75 57	74 59	80 58	82 60	82 62	75.0 54.2
WEBSTER SPRINGS 1 E	MAX MIN	86 56	91 63	86 66	83 63	82 63	85 57	87 63	84 62	82 48	86 53	86 57	79 63	69 53	71 47	76 42	72 42	75 45	75 43	78 45	84 47	87 55	88 57	8 9 6 3	88 60	87 56	86 55	86 62	91 64	86 62	89 65	85 67	83.2 56.3
50UTHERN 05																																	
ATHENS CONCORO COLLEGE	MAX MIN	79 59	82 61	86 68	86 60	79 60	79 52	82 56	82 63	80 58	79 52	80 60	76 60	72 50	72 43	66 39	75 44	78 55	82 52	80 50	82 46	84 50	85 60	85 58	83 55	85 55	83 57	80 62	84 68	79 58	77 69	75 68	79.9 56.4
BLUEFIELO FAA AIRPORT	MAX MIN	81 65	81 64	84 63	74 61	78 59	8 0 5 7	80 64	75 63	76 58	78 63	77 65	71 52	65 50	65 48	67 46	62 55	73 58	74 56	73 55	79 52	83 63	83 66	76 64	78 62	79 59	76 61	77 55	84 65	75 64	74 66	80 65	76.1 59.5
BLUESTONE DAM	MAX MIN	85 57	88 62	90 64	93 66	80 62	85 60	86 61	88 61	85 59	84 55	88 57	81 63	78 55	70 49	73 47	74 47	67 60	80 55	79 57	78 54	85 54	89 58	90 61	82 60	84 59	88 57	84 57	84 61	89 65	81 65	82	82.9 58.5
GARY	MAX MIN	87 57	88 58	90 61	91 63	84 62	85 57	87 57	87 58	83 60	83 54	86 54	95 62	76 50	70 47	70 43	77 45	70 59	80 54	80 54	78 50	87 50	90 54	90 59	82 59	83 57	86 57	80 57	87 57	88 60	89 65	81 67	83.2 56.4
KOPPERSTON	MAX MIN	86 60	88 59	90 69	90	83 65	83 56	84 58	83 61	8 l 5 3	85 53	83 62	79 63	69 54	70 44	74 42	68 53	78 59	79 53	77 54	85 49	86 54	86 58	85 62	85 60	84 55	83 57	84 56	87 62	84 61	82 69	86 67	82.2 57.8
LEWISBURG 2 SSW	MAX MIN	84 56	89 60	88 65	75 58	83 60	82 56	85 56	84 63	81 63		81 60		51				78 55	78 49	78 53	84 45	85 53	87 59	85 62	81 56	86 54	84 55	80 56	82 63	78 61	88 59	84	81.0 56.2
														lotes Fo	ollowin																		

### DAILY TEMPERATURES WEST VIRGINIA AUGUST 1964

Continued										ומ	AII	Υ	TE	[M]	PE.	RA	TU	RE	S														1964
Station																Day	of M	onth															rage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
PINEVILLE	MAX MIN	88 57	89 60	91 61	93 65	83 63	85 58	77 58	86 56	86 57	86 52	88 54	84 63	76 51	71 48	72 45	77 46	77 58	82 54	82 56	80 52	89 53	89 54	90 60	83 61	86 52	87 56	82 55	86 60	89 60	87 65	83 65	84.0
UNION	MAX MIN	80 56	84 59	88 59	89 60	83 52	84 54	86 62	84 61	82 51	81 55	84 56	81 59	78 49	70 41	70 36	73 39	64 47	81 47	76 50	77 42	84	86 59	87 64	80 53	82 54	87 53	85 57	82 57	85 58	81 60	78 65	81.0 53.5
WHITE SULPHUR SPRINGS	MAX MIN	85 54	92 64	90 68	73 60	84 62	84 54	86 55	84 58	84 55	85 52	86 59	80 61	74 53	72 43	74 38	72 56	82 58	81 49	77 54	85 46	88 53	90 58	90 65	84 55	88 55	87 54	83 57	82 62	81 60	82 66	87 67	83.0 56.5
* * *																																	
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX MIN	81 50	90 65	75 61	73 57	85 57	82 55	87	87 62	78 48	82 50	83 65	80 63	73 54	73 48	80	78 43	86 52	86 59	76 48	84 42	90 62	95 60	90 66	89 57	93 56	88 59	85 55	81 57	93 59	93 63	93 70	84.2 55.9
FRANKLIN 2 NE	MAX MIN	84 54	88 62	85 64	70 57	82 60	83 50	86 49	84 59	78 45	83 53	85 55	78 59	78 59	70 46	72 39	68 46	79 53	80 51	72 52	83 43	88 53	88 56	84 67	85 53	90 54	89 53	80 59	85 59	88 58	81 63	82 67	81.5 54.8
HARPERS FERRY NAT MON	MAX	8 l 6 3	92 66	90 66	76 58	86 58	86 62	86 57	92 68	89 54	79 58	80 57	88 68	78 56	78 52	83 47	80 48	87 59	86 60	79 53	86 51	90 61	95 68	92 72	92 62	94 62	94 65	85 61	83 65	91 69	90 72	89 71	86.4
KEARNEYSVILLE 1 NW	MAX MIN	80 56	78 66	91 68	76 58	74 63	84 60	81 52	84 68	88 50	76 54	77 59	82 67	84 53	72 49	74 42	78 46	77 50	86 57	84 51	76 48	85 61	87 62	95 64	92 63	93 58	92 60	83 58	82 62	80 61	92 67	87 70	82.9 58.2
KEY5ER	MAX MIN																																
MARTINSBURG FAA AP	MAX MIN	81 57	92 66	78 58	76 58	86 61	83 59	86 54	88 61	77 53	80 56	82 60	85 62	74 56	75 49	80 43	80 49	85 57	84 59	76 52	86 49	88 61	95 61	92 73	90 61	94 59	84 62	85 58	82 61	92 62	90 65	92 70	84.5 58.5
MATH[A5	MAX MIN	84 53	89 63	83 61	68 55	84 57	84 50	88 50	87 62	80 42	85 52	85 55	80 58	70 52	76 48	76 36	72 44	82 53	84 50	74 48	85 44	92 52	91 59	88 61	88 54	91 54	84 55	82 55	83 57	91 58	89 63	88 65	83.3 53.7
MOOREFIELO MCNEILL	MAX MIN	8 9 5 2	93 64	87 63	76 58		86 60	86 50	91 59	89 49	86 44	88 50	89 56	80 59	77 50	75 48	80 44	80 42	86 50	85 50	87 43	86 45	95 53	98 71	95 58	89 53	94 53	94 49	87 54	89 56	94 58	89 63	87.3 53.5
0mp5	MAX MIN	84 52	8 2 60	95 63	86 56	80 58	84 55	80 50	86 56	81 55	77 51	81 55	8 2 6 5	82 55	73 47	73 43	79 45	79 54	85 62	86 50	75 45	86 54	90 59	96 61	91 58	87 57	90 62	83 56	83 55	85 55	90 64	91 66	83.9
PETERSBURG	MAX MIN	92 54	94 60	87 67	74 58	8 7 6 2	86 54	91 54	90 65	82 47	90 55	88 67	83 63	74 57	75 51	76 39	79 46	84 57	87 59	75 50	89 50	94 63	95	93 74	90 57	94 56	92 61	86 58	90	93 62	88	88	86.6 58.2
PIEOMONT	MAX MIN	80 54	83 62	88 70	76 52	68 55	85 53	83 50	86 62	78 50	76 52	80 59	85 60	76 54	66 50	68 45	74 50	75 56	84 63	84 64	79 49	83 52	90	95 67	85 60	86 60	88	81 56	84 57	82 59	88	87	81.4 57.0
ROMNEY 3 NNE	MAX MIN	85 52	91 65	87 65	71 57	86 60	85 54	88 49	86 60	81 46	85 50	85 58	80 62	73 52	72 45	79 37	78 42	85 52	84 53	79 49	85 44	91 57	96 57	91 70	89 60	93 53	92 55	85 52	85 56	93 59	89 66	90	85.1 55.0
WARDENSVILLE R M FARM	MAX MIN	83 53	82 58	92 63	84 58	70 59	85 55	82 52	89 57	89 46	79 52	83 58	87 60	82 53	71 50	73 39	77	76 50	85 53	85 47	74 47	87 54	93 62	95 65	90 55	89	94	84 57	82 55	83	91 61	89	84.0 54.8
					1															1				-		1						-	

# EVAPORATION AND WIND

0																Day	Oi Mo	onth															F . 6
Slation		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NORTH CENTRAL 02																																	
CLARKSBURG 1	EVAP	•11 41	•11 40	.04 40	.08 34	•11 46	•21 40	.10 45	•21 76	•11 45	•13 39	•15 56	92	.05 66	•13 49	•09 40	•05 43	•17 46	•08 50	.14 38	•10 47	.09	·22	•06 53	•12 42	·11	•09 38	•11 40	.06 39	•12 35	•10 38	•17 58	3.53B 1449
SUTTON RESERVOIR	EVAP WINO	·17	.22	.16 30	.15 28	.13 34	•21 41	·21	· 20	.12 51	•33 37	·18	•23 43	·15	•18 51	• 16 45	•16 33	.06 21	.20 38	.12 38	.20 38	37	.24	·23	.19	•24 41	•22 38	•12	.07	.06 31	.47 31	•10 23	5.66B 1100
e # # 50UTHWESTERN 03																																	
HOGSETT GALLIPOLIS OAM	EVAP W1NO	.22 35	•22 26	.16 57	.25 72	·25	· 25	. 34	·25	.35 66	•26 34	·17	99	· 25	•12 62	·17	• 25 33	.10	·28	.24 45	-14 40	·20	.35 61	47	.03 65	·11	56	.03 16	.33	· 34	16	·11	6.648 1406
• # • SOUTHERN 05																																	
BLUESTONE CAM	EVAP W1NO MAX M1N		19	24 89	37 93	31	35 89	23		83	.25 33 91 60		27 81	51 81	76	•18 39 76 53		13	33 88	27 79	33	16 86	35 86	90	46	22 85	21 91	.10 23 87 61	25	17	19	80	84.1
* * * NORTHEASTERN 06																																	
WAROENSVILLE R M FARM	EVAP W1NO MAX M1N	26	41 85	23 91	54	18	25 91	25 91	19 90	53 87	35 85 56	34 75	46	86 81	52 74	80	•23 24 82 49	38 73	20 83	35 82	31		92	66 90	61 85	43 93	32 91	29 83	26 82	32 86	25 87	27 86	

									01111101													M/M/51 1441
STATION	INDEX NO.	COUNTY	DRAINAGE : LATITUDE	LONGITUDE	ELEVATION	TIM	RVATIONE AND		OBSERVER		STATION	DEDEK NO.	DIVISION	COUNTY	DRAINAGE 1	LATITUDE	LONGITUDE	BLEVATION	¥	TABL	E8	OBSERVER
ALDRIONT ALOTROM ALPTHA 1 NW ARBOVALE 2 ATHINS CONCORD COLLEGE BAYARD BECKLEY WA HOSPITAL RECKLEY WO AP BELLINGTON RELLEVILLE CAM 2D	0102 D9 0143 D4 0249 04 0355 03 0527 04 0580 03 0580 04 0635 02 0649 01		2 30 20 7 3T 44 2 36 55 7 36 26 7 AT 25 9 39 1R 7 57 4T T 37 47 10 30 D2 6 30 00	79 40 79 49 81 01 79 22 81 11 81 07 79 56 81 49	1879 ROO	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4 A A A A A A A A A A A A A A A A A A A	нн	MUNONGAHELA POWER CO. RASSIE L. SIM'S ONER 3. SHITM MPS. NETTIE R. SMETA CONCORD COLLOT HOWARD R. FULS V. A. MOSPITAL U.S. WEATMER BURFAU OTOROT N. MILLYAND CORPS OF ENGINEERS	WILL WILL	TF SULPHIR SPRINGS EN LIAMSON 2 PIELD LOCES	9554 9605 9R10	03	OREENDRIER CLAY HINGO HINGO PUTNAM	5 1	3T 48 3R 3R 5F 40 AP 40 58 AZ	80 1R RD 93 82 17 83 17 R1 99	1914	0.0	7A 9A 9A TA 7A	14	JAMES A. TERRY MRS. KURCE A. BUSTIMER MRS. KURCE A. BUSTIMER MRA. WI MR C. ROBERT COMPS OF ENGINEERS
RELVA RENSON RENSON RENS BUN 1 55P RERECEY SORINGS RIRCH BIVER 6 35W BLUFFIELD FAR A IRPORT RLUESTONE OAM RRAKCHLAND BRANGONVILLE BRUSMY RUN	D679 02 0R87 01 0T10 0R 0844 04 0921 09 0939 09 1079 03 1083 04 1204 06	NICHDLAS HARRISON TYLER MOBGAN NICHOLAS HIRCER SUMMERS LINCOLN PRESTON RENOLETON	9 38 14 10 59 D9 6 39 28 9 39 37 1 37 18 7 37 18 7 37 19 3 36 13 2 39 40 9 38 50		1388 600 1798 1379	7: 9P 41 8A 6. 6P 61 MIO MII 6A 8: 7: RA 8: 7:	P P D A SAK A	н	RATHOND F. PHILLIPA CLARKSDUNG MAFFR BOARD ROBERT N. MALL H. M. RUPPENTHAL. 111 SOUTHEASTERN OAS CO. FED. AVIATION AGENCY CORPS OF ENGINEERS VEDLE. GRALICHAY JOHN B. SMRTYF													
BUCKMANNON 2 W BURNSVILLY (CAIRD 3 S CAMOYN ON GAULEY CANAN VALLEY CENTRALTA 2 NNW CMARLESTON MB AP CMARLESTON 1 CLARKSRUNG 1	1220 02 1282 02 1328 01 1363 0A 1393 04 1926 02 1570 03 1575 03 1677 02	POCAHONTAS UPSHUB BRAXTON IRITCHSE WEBSTER TUCKER BRAXTON KANAMMA HARRISON	T 38 11 10 39 00 5 38 52 5 39 10 4 36 22 2 39 03 4 38 38 6 38 22 4 38 21 6 39 16	80 OR 80 16 R0 40 R1 1D 80 36 79 26 80 35 81 36 81 A9 80 21	977	5P T; 6P 61 7; 6P 61 7; 6P 61 T; MIO MII 9A, 9; MID MI	A P A C A MIOC		MISS ILEAN MALTON OR, ARTHUM B. GOULD JOHN W. RROWN EUPERA PIPE LINE CO. HOWARD FLETCHER OEM F. THOMPSON JAMES W. LINGER U.S. WEATHER BUREAU W. VA. MATER SVC. CO. MENRY R. GAY													
CLAY 1 CLEMORNIN 1 9W CORTON COSTON 1 55W DAY IS DRY CREEK OUNLOW 5 F EAST RAINFILE 3 NNF ELRINS WO AIRPORT ELLENBORD	1959 03 2054 01 2209 04 2462 04 2520 03 2638 04 2718 04 2746 01	KANAMA KANAMA KANAMA TUCKER RALEIDM WAYNE GREENBRIER RANODLPM PITCMIE	4 38 27 4 38 29 5 38 56 2 39 08 4 37 52 8 38 02 4 38 00 10 38 53 5 39 16	81 09 81 22 81 16 81 17 79 28 81 28 82 20 80 45 79 51 81 04	2420 1970 809	HID HI	A R R A C	н	HPS, SABAM B, FRANKTORT KATMENINE M, RADEP MOPE NATURAL GAS CO. SEWARD R, LINCM MRS, MARY L, OUMAS MRS, ROTM E, JORRELL KELLY BROWNING MRS, SUE V, MALKER U, S, WCATHER BUREAU MRS, RUBY L, GORRELL MRS, RUBY L, GORRELL													
FAIMONT FLAT 10P FRANKLIN 2 NE FREYMANSBURG GERY GASSAW GLENVILLE GRANTSVILLE 2 NW GRIFFITMSVILLE MACKER VALLEY	3072 04 3215 06 3238 02 3353 05 3361 02 3544 02 3648 02 3749 03 3798 04	MARIDN MERCER PENOLETON LEWIS MC DOWELL BRAXTON GILMER CALMOUN LINCOLN WEBSTER	6 39 28 7 37 35 9 38 40 6 39 06 1 37 22 4 38 40 5 38 56 5 38 56 3 38 14 4 38 39		3229 1900 1030 1426 840 727 730 950 1901	MIDI MID 7A 7. 6P T: 8A 6: 6P; 61 7A, 7: 8A 8:	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	н	CITY FILTRATION PLANT FPED F. BOWLING GEDRGE D. MANMER EDUITABLE GAS CD. JAMES RISH W. VA. WATER SVC. CO. LEVIS WOLFE HOPE NATURAL GAS CU. ROBIN S. MOORE HRS. LELA M. CATTER													
MALL MAMPERS FERRY MARPERS FERRY NAT MON MASTINGS MICO MOSSETT GALLIPOLIS OAM HOPEMONT HORNER MOULT LOCK 15	3846 03 3921 06 3932 06 3974 02 4128 04 4200 03 4264 04 4281 02 4309 02	R BARBOUR S LINCOLN S JEFFERSON S JEFFERSON R WETZEL FAYETTE MASON PRESTON R LEWIS MARTON	10 39 03 3 38 17 9 39 19 9 39 19 8 39 33 7 38 07 8 38 A1 11 39 26 6 38 59 6 39 30		1375 642 405 220 760 1955 570 2490 1075 6T8	8A 8: 77 5P 5! 71 72 72 74 12!	A P A A A A		MRS.OPAL R. JACKSON W. VA. MAIES SVC.CO. MISS ELEANOR J. MHITE NATIONAL PARK SERVICE NATIONAL PARK SERVICE ONES MILDRED E CRIST CORPS OF ENGINEERS MRS. MARRIET SHARPS CLARKSBURG WATER SDARO CORPS OF ENGINEERS			i										
MUNDRED  MUNTINGTON FEO BLOG  MUNTINGTON WB AIPPORT  IAEGER  IRELAND  JANE LEW  MERMIT  KERMETSYSILLE I NW  KERMET  KEYSER  KOPPFRSTON	4393 03 4408 05 4478 02 4559 02 4763 06 A816 03 4836 06 4956 05	JEFFERSON HINGO MINERAL WYOMING	8 39 A1 8 36 25 8 36 22 1 37 26 6 38 49 6 39 06 9 39 23 1 37 50 9 39 26 3 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	828 1084 1142 1020 550 625 930 1450	HID HIG HIO HIG 77 58 8A 83 5P 51 6P 61	D A A A A A P P	HJ	MFGRS. LT. + HT. CD. CORPS DE POGINEERS U. S. MEATHER BUREAU HRS RUIT LL.512EMORE CLARKSBURG MATER BOARD CLARKSBURG MATER BOARD W B AGRICULTUPE SER DOTE EDWARD M. BOWEN POTDMAC STATE COLLEGE MOPE NATURAL GAS CD.													
LAKE LYNN LEWISDUPG 2 SW LINDSTDE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS HADISON HANNINGTON I N HANNINGTON I W	5224 05 5284 05 5323 03 5341 02 5353 03 5365 03 5663 03 5621 02 5626 02	MONONGALIA GREENBRIER , MONPOE B JACKSON GILHER LOGAN KANAMHA B BOONE MARTON	2 39 43 7 37 46 7 37 27 8 38 54 5 38 54 5 38 51 A 38 12 4 38 03 6 39 33 6 39 32	79 51 80 28 80 40 91 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975 995	72 5P 51 8A 82 7A, 72 8A 86 6P 61	CECC	н	WEST PENN POWER CO. RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO. COY E. MARSWALL COPPS OF ENGINEERS J. E. CURRY JAMES N. MOPGAN ORA G. FROST													
MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAXA MC MECMEN 0AM 13 MC ROSS HIDDLEBOURNE 2 ESE MOOREFIELD 2 SSE MOOREFIELD MCNELL	5707 06 5712 06 5739 06 5747 05 5847 01 5871 04 5963 02 6163 06 6168 06		7 38 13 9 39 24 9 39 28 9 38 52 7 37 25 8 39 59 4 37 59 8 39 29 9 39 02 9 39 09	80 05 77 59 78 00 78 92 81 15 80 44 80 45 80 52 78 58 78 54	535 1625 2580 655 2445 750 830 800		PAAAPPA		CECIL A. CURRY FEO. AVIATION AGENCY ROBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. TMOMPSON CORPS OF ENGINEERS RUSSELL D. AMICK JOHN W. CRUMRINE MRS. ZELLA M. VETTER MRS. JOHN W. SAVILLE													
MORGANTOWN FAA A]RPORT MORGANTOWN LAND D MOUNDSYLLE HT STORM NAOVA NEW CUMBERLAND NEW MARTINSYILLE OAK MILL OMPS PARKERSBURG FAA AP	6212 02 6248 01 6293 04 6362 04 6442 01 6467 01	RALEIGH HANCOCK WETZEL FAYETTE MOPGAN	6 39 38 6 39 37 8 39 54 9 39 17 4 37 52 8 40 30 8 39 39 7 37 58 9 39 30 8 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	825 620 2845 1210 750 637 1991 950	84	A C C C	H	FED. AVIATION AGENCY CORPS OF ENGINEERS MOUNDSVILLE SEWAGE TR MPS. ELLEEN MINNICK VIRGIL G. MEBB WILLIAM B. MURRAY OP. 2. W. ANKROM MILES M. MARTIN MRS. E. M. MOVERMALE U. S. MEATHER BUREAU													
PARRERSBURG W8 CITY PARSONS 1 SE RETEPSBURG PHILIPPI PICKERS 1 PTEOMONT PINEVILLE POINT PLEASANT 5 NNE PPINCETON RAVENSWOOD DAM 22	6954 06 6982 02 6991 04 700A 06 7029 05 7112 03 7207 05 7352 03	TUCKER GRANT BRANT PANDOLPH MINERAL WYOMING MASON MERCER JACKSON	8 39 16 2 39 06 9 39 00 10 39 09 10 38 40 9 39 29 3 37 35 8 38 55 7 37 22 8 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	1680 1013 1281 2695 1053 1280 610 2410 584	MID MIG 5P 56 6P 77 7P 77 8A 67 7A 77 5P 51 77	P A A A A A A A A	н	U.S. MEATHER BUREAU FERNOM EXP. FOREST MRS. BESS S. MOML MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR. JANES G. MC DEPMITT UNIVERSITY OF W. VA. W. VA. MATER SVC. CO. COPPS OF ENGINEERS													
RENICK 2 S RECHNOOD PIPLEY ROMMEY 3 NEE ROWLESBURG 1 ST MARYS SMITMBURG SMITHVILLE SPENCE SPENCE SPENCE SPENCE SPENCE SPENCE SPENCE SPENCE SMOD	7503 04 7552 03 7730 06 7785 04 7875 01 8274 02 8286 02 8384 03 8433 04	GREENBRIER NICHOLAS JACKSON HAMPSMIPE PRESTON PLEASANTS OOOORIOGE RITCHIE ROANE PENDLETON	7 37 58 4 38 13 8 36 49 9 39 23 2 39 23 8 39 17 5 39 04 5 38 48 9 38 41	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 81 21 79 31	1900 2300 610 640 1375 650 795 840 964 3050	6P 61 5P 51 5P 77 7P 71 51 6P 81 8A 81	PPAA	н	MRS, MARY V. HC FERRIN DAYTON C WEBB CITY OF PIPLEY MISS FRANCES VANCE MPS, MADUE C. BOLYAPD JOHN H. INGRAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. M. VA. MATER SVC. CO. HAPPY J. GOROON	1												
STONY RIVER DAM SUMMERSVILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGAPT DAM UNION VALLEY BEND VALLEY MEAD	8662 02 8782 04 8807 0A 8924 03 8986 02 9011 05 9068 04 9086 04	NTCHOLAS RAXTON PRESTON TUCKER MASON TUCKER MOROC MOROCE RANDOLPH RANDOLPH	9 39 08 4 38 17 4 38 39 2 39 27 2 39 09 A 38 41 10 39 19 7 37 36 10 38 46 10 38 33	79 18 80 50 80 41 79 33 79 30 81 50 80 02 80 22 79 56 80 02	3400 1930 835 2587 3010 630 1200 1975 2010 2425	7A 71	A 7A C C A C C A		FRED C. BECKER  CMARLES F. GUM  CORPS OF ENGINEERS  CMARLES E. TREMBLY  MRS. MARGARET PERKINS  MISS NORMA RUTH CASTO  CORPS OF ENGINEERS  MRS. THELMA SPANGLER  MRS VIOLET L. SWECKER  KENT SWECKER													
VANDALTA WARDENSVILLE R M FARM WASHINGTON DAM 19 WAYNE ? WEBSTER SPRINGS I E WEIRTON WELLSBURG 3 NE WESTON WEST UNION WHEELING WARWOOD OH 12	9281 06 9309 01 9323 03 9333 04 9345 01 9368 01	WOOD WAYNE WEBSTER HANCOCK BROOKE LEWIS DODREDGE	6 38 56 9 39 06 8 39 15 7 38 13 4 38 29 8 40 24 8 40 18 6 39 02 5 39 18 8 40 06	80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 28 80 47 80 42	1120 960 600 600 1540 1040 668 1026 1000 659	8A 8. 5P 7: 6P 6! 7A 7: 6P 6! 8A 7:	4 4 5	Н	CLARKSBURG WATER BOARD UNIVERSITY EXP. STA. CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. HOORE C. E. STETSON MISS OORBIS J. PFISTER J. ARTHUR MENRY. JR. EARNEST F. SMITH CORPS OF ENGINEERS													

DRAINAGE CODE: 1-BIG SANDY 2-CHEAT 3-GUYANDOT 4-KANAWHA 5-LITTLE KANAWHA 6-MONONGAHELA 7-NEW 8-OHIO 8-POTOMAC 10-TYGART 11-YOUGHIOCHENY

### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist, Agricultural Engineering Building, West Virginia University, Morgantown, Weat Virginia 26506, or to any Weather Bureau Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in "F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a, m., E.S.T. Data in the "Extremes" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation,

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow,

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
  - No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates,
- # Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data
- \* Amount included in following measurement, time distribution unknown.
- Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Dally Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table,
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or anow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
  - Thermometers are generally exposed in a shelter located a few feet above sod-covered ground, however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building,

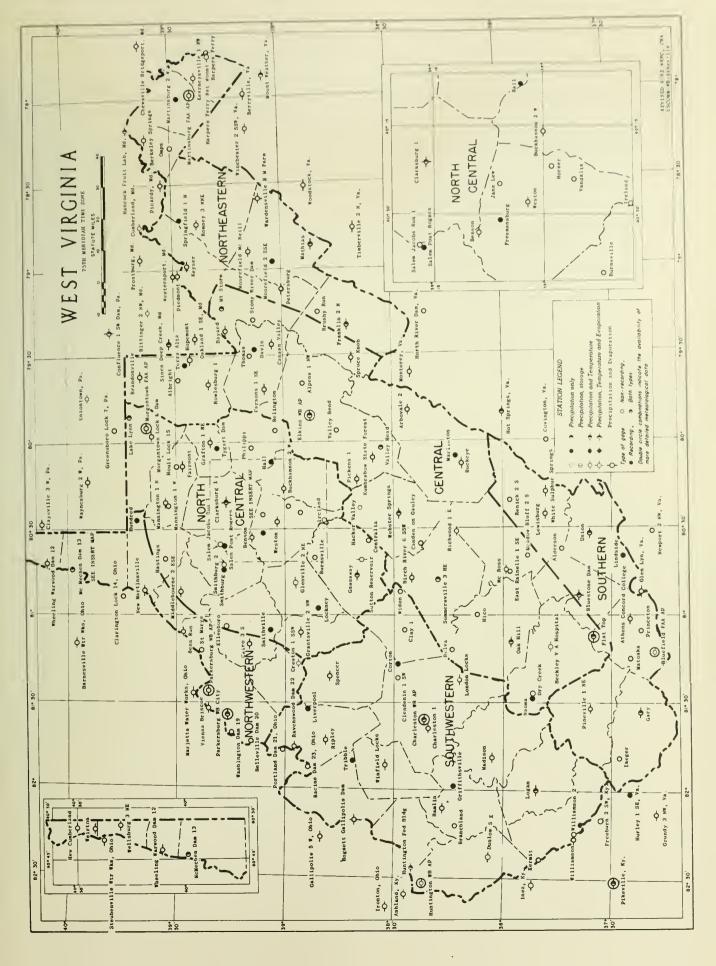
Stations appearing in the Index, but for which data are not liated in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1855 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly aubscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documenta, Remittance and correspondence regarding aubacriptions should be sent to the Superintendent of Documenta, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -10/16/64-750









# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

SEPTEMBER 1964 Volume 72 No. 9



ASHEVILLE: 1964

NOV 23 1034

### WEST VIRGINIA - SEPTEMBER 1964

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 100° on the 10th at Logan and Williamson

Lowest Temperature: 18° on the 14th at Canaan Valley and Hopemont

Greatest Total Precipitation: 8.27 inches at Beckley WB AP

Least Total Precipitation: 0.91 inch at Weirton

Greatest One-Day Precipitation: 4.57 inches on the 29th at Beckley

V A Hospital

### SPECIAL WEATHER SUMMARY

The first 18 days were generally dry, sunny, and mild with a continuation of the summer's drought. A very cold air outbreak from the west abruptly ended the September heat wave on the 12th, but produced only light sprinkles. Record low temperatures for so early in the year resulted on the 14th, and killing frosts were reported in many of the north-central areas.

The first rainfall of any consequence started the evening of the 18th from a low pressure area which moved up the Ohio Valley. The Eastern Panhandle received more rain than the rest of the State. Higher humidity existed east of the mountains as a result of the general circulation from hurricane Gladys.

The heaviest rainfall period of the growing season occurred the last four days of the month, and resulted from a more intense Ohio Valley storm whose slow-moving cold front became stationary along the mountains. The relatively colder air to the west was halted, and reacted with a strong,

moist flow of humid, tropical air. This tropical air moved into the State from the southeast in the broad pattern of air circulation which had developed out over the Atlantic. This circulation also resulted in the formation of hurricane Hilda on the 29th off the western tip of Cuba.

It was generally reported throughout the State that most of this heavy rain soaked into the ground with very little runoff. Some local flooding did occur, however, in Raleigh County, where Beckley reported 4.57 inches alone on the 29th. Forestry officials were still apprensive as the fall fire season approached because of this extreme dryness resulting from the summer drought.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

				1	Ter	mper	ature							-				Proci	pitation			01	lo. of l	D.
Station					3					E.	Ma	a. of	Daye	-		3	Day		Bno	w, Sleet		-		
5181011		Average	Average	Average	Departure From Norm	Righest	Date	Lowest	Date	Degree Da	11 😤	3 p		. 2	Total	Departure From Norm	Greatest D	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	
* * * NORTHWESTERN	01																							
ENS RUN 1 SSE AIRO 3 S RESTON 1 SSW OUNOSVILLE EW CUMBERLANO		79. 81. 75. 83. 79.	5 50.8 2 47.3 51.1	64.1 66.2 61.3 67.1 65.5	- 4.3 6 - 5.8 - 1.2	93 95 94 96 95	11 10 8 10 10	32 30 33	14 14 15. 14 13	98 55 134 57 76	3 7 3 8 5	0 0 0 0	0 1 2 0 0	00000	2.55 3.18 3.74 1.82 1.00	38 10 .78	1.12 1.36 1.81 .68	28 29 28	.0 .0 .0	0 0 0		5 6 6 4	2 3 2 1	
EW MARTINSVILLE ARKERSBURG FAA AP ARKERSBURG WB CITY EIRTON ELLSBURG 3 NE	R	80. 79. 78. 79. 80.	54.5 54.3 7 53.4	66.6 66.8 66.3 66.6 63.3	- 1.5 - 1.8 - 2.0	97 94 95 96 96		38 35 37 41 29	14	65 57 66 62 103	7 4 4 5 5	0 0 0 0	0 0 0 0 2	00000	1.99 2.72 2.94 .91	- 1.09 .23 - 2.29	.92 1.42 1.59 .44	28 28 20	.0	0 0 0		4 5 5 3 4	2 2 0 0	
HEELING WARWOOD OM	12	79.	52.0	65.5	- 1.2	96	10	40	14	75	4	0	0	0	1.33	- 1.74	.50	29	• 0	0		6	1	
OIVISION  * * *  NORTH CENTRAL	02			65,4	- 1.7										2,10	90			.0					
ELINGTON ENSON UCKHANNON Z W LARKSBURG 1 AIRMONT		78. 81. 80. 77. 77.	3M 46.0M 0 48.8 7 49.4	62.1 63.7M 64.4 63.6 64.7	- 2.1 .0 - 1.8 - 2.2	94	11. 9 9 10 9	28 29 33	15. 14 14 14 14	117 109 73 94 79	5 3 4	0 0 0 0	2 1 1 0 0	00000	4,39 3,18 3,17 3,85 4,25	20 27 .65	1.44 1.74 1.19 1.40	29 28 28	.0	0000		4 3 4 5 5	2 2 4 4	
ASSAWAY LENVILLE RANTSVILLE 2 NW ANNINGTON 1 N 100LEBOURNE 2 ESE		60. 79. 62. 80. 79.	48.0 49.4 46.7	66.1 63.8 65.8 63.6 64.6	- 4.7	93 92 96 95 94	10	33 33	26. 14 14 14 14	47 88 66 90 84	5 3 7 5 4	0 0 0 0	0 0 0 3 1	0 0 0 0	4.10 3.75 3.18 2.83 2.61	.30 44 61	1.65 1.40 2.00 1.32 1.20	29 29 28	.0 .0 .0	0		5 4 4 5	3 3 2 2 1	
ORGANTOWN FAA AIRPO ORGANTOWN L ANO O ESTON EST UNION	ORT	76. 78. 81. 79.	51.9 1 49.0	64.3 65.3 65.1 65.0	- 2,5	92 93 96 93	10+ 10+ 11	34 36 36 31	14 14 15• 14	83 65 69 69	4 6 5	0 0 0	0 0 0 1	0 0 0	3.44 3.56 3.83 3.70	• 46 • 21	1.42 1.77 1.46 1.50	29	.0	0 0		6 6 5 6	2 3 3 2	
OIVISION				64.4	- 2.0								Ì		3,56	.24			•0					
southwestern	03																							
HARLESTON WB AP HARLESTON 1 ORTON UNLOW 5 E AMLIN	R	80° 83° 82° 81°	53.7 51.3 54.2	67.5 68.8 67.1 68.4 63.9	• •7	96 98 95 95	9 11+ 9 11+ 11+	35	26+ 14 14	40 43 39 41 98	6 10 7 7 5	0 0 0 0	0 0 0 0 2	00000	2,53 2,60 3,19 2,33 3,42	39 26	1.07 .99 1.37 .99	28 28 29	.0 .0 .0	0 0		5 4 3 4 6	2 2 2 2 2	
OGSETT GALLIPOLIS ( UNTINGTON FEO BLDG UNTINGTON WB AIRPOF OGAN ONDON LOCKS		80. 81. 78. 84. 81.	56.8 52.4 2 49.8	66.1 68.9 65.7 67.0 67.8	= 1.0 = 2.5	96 97 94 100 96	10	36 36	14 26+ 14 16+ 27	67 39 69 53 41	4 8 4 11 7	0 0 0 0	00000	00000	3.91 4.53 4.92 4.48	1.99	2.19 2.20 1.30	28	.0	0 0 0		5 6 6 6	3 3 4	
AOISON OINT PLEASANT 5 NN! AVENSWOOD OAM 22 IPLEY PENCER	:	82. 80. 81. 83. 81.	51.0 52.9 50.9	66.1 65.5 67.2 67.1 66.6	9	98 93 93 97 95	10 10+ 10 9	35 35	16+ 14 14 14	58 64 51 52 59	7 5 5 6 5	0 0 0 0	0 0 0 1 1	0 0 0 0	3.10 3.38 3.08 3.85 3.90	.53	.85 1.62 1.44 2.05 1.50	28 29 28	.0	0 0 0		5 5 4 6	3 2 2 3 3	
AYNE 2 ILLIAMSON INFIELO LOCKS		84.		68.5 67.1	- 1.8		10		26+ 14	41 58	11	0	0	0	6.81 4.03	4.14 1.05	3.50 1.60		.0	0		6	3	
OIVISION				67.0	- 1.7										3.75	.85			•0					
CENTRAL	04																							
RBOVALE 2 IAYARO IECKLEY V A HOSPITAI IECKLEY WB AP IRCH RIVER 6 SSW		76. 73. 76. 75.	9 44.1	60.6 59.0 62.1 63.4	- 1.5	90 90 88 88	9	31	15 14 15+ 14	144 181 109 93	0 0	0 0 0	3 2 0	0 0 0	5.08 4.15 8.18 8.27	2.18 .96 4.90	2.21 1.55 4.57 4.35	29 29	.0	0000		5 5 6	3 4 3 4	
RANOONVILLE DUCKEYE ANAAN VALLEY LKINS WB AIRPORT LAT TOP		74. 79. 72. 75. 71.	0 47.9 5 43.2 2 47.4	60.1 63.5 57.9 61.3 59.9	• 1.3 • 1.3	93 86	11 9 10 10+ 12	26 30 18 31 30	26 14 15	163 83 212 124 163	1 2 0 2	0 0 0 0	3 2 4 2 2	00000	3.60 5.80 5.22 4.20 3.77	1.13 .90	1.91 2.43 2.08 1.75 2.28	29 28 28	.0	0 0 0		6 5 6 5 5	2 3 4 2 2 2	
OPEMONT IC ROSS JAK HILL PARSONS 1 SE PICKENS 1		72. 77. 79. 78. 73.	46.9 7 49.6 8 47.7	59.6 62.2 64.7 63.3 60.4		82 89 94 93 87		29 37 33	14 26+ 15+ 15+	165 108 75 97 145	0 0 4 5 0	00000	2 0 0 1	00000	4.86 5.75 7.41 4.52 7.26		2.56 3.20 3.95 1.57 2.01	29 30 29	.0	0 0 0		5 6 6 5 7	3 2 3 4 4	
ICHWOOO COWLESBURG 1 PRUCE KNOB EBSTER SPRINGS 1 E		76. 79. 71. 80.	2 47.9 8 49.2 9 49.6	62.1 64.5 60.8 65.9		90 96 88 94	9 9 11 10	31 34	14 14 14	103 67 156 50	1 5 0 5	0 0 0	2 0 0 0	0 0 0 0	5.61 4.55 4.98 6.62		2.00 2.32 1.72 2.24	30 29 29	•0	0 0		5 5 5 8	3 4 4 5	
OIVISION				61.7	• ,3										5,55	2.18			•0					

#### Continue

Continued	1			Ter	mpera	ture							Т				Preci	pitation					_
								1		N	o. of	Days	1				<u> </u>	Sno	w, Sleet		No	o. of 1	Days
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	<b>Degree Days</b>	Ma Above	-	Min. Below	$\dashv$	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
SOUTHERN 05  ATHENS CONCORO COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY //R KOPPERSTON //R LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS DIVISION  * * * NORTHEASTERN 06	76.9 72.3 79.2 81.0 78.5 78.1 82.1 77.3 79.8	52.0 54.6 51.3 48.0 51.0 50.6 48.9 47.2 49.9	64.5 63.5 65.3 64.8 64.4 65.5 62.3 64.9	= 2.4 = 2.2 .2 = 1.5	91	10 12	33	25 26 16 15• 15 16• 15	66 82 59 71 65 60 63 107 64	0 0 1 3 3 0 6 0 1	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 2 2	00000 0000	3.15 2.74 2.92 3.36 8.09 5.44 5.72 2.12 3.91	.51 53 1.12 1.45	1.97 1.13 1.84 2.40 4.35 4.03 2.81 1.38 1.74	29 30 30 29 29 30 30	.0 .0 .0 .0 .0	00000		44345 4545	2 2 2 2 3 2 3 1 2	1 1 1 2 2 1 2 2 1 2
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	79.8 77.1 82.7 78.6	49.6 48.0 53.6 51.5	64.7 62.6 68.2 65.1	- 1.7	93 97 96	11. 9 11. 12.	30 33 40 33	15 14 14	77 103 40 92	5 4 8 6	0 0 0	1 0 0 0	0 0 0 0	3.44 4.07 3.16 2.90	39	1.13 1.14 1.14 1.16	30 20 20	•0	0 0 0		5 6 6 5	3 2 2	1 2 1 1
MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL OMPS PETERSBURG	78.5 78.0 82.6 77.7 81.7	51.2 47.6 47.7 49.5 51.0	64.9 62.8 65.2 63.6 66.4	- 1.8	98 95 99 95	11 10 12	32	14 26+	82 100 75 103 59	5 4 10 4 9	0 0 0 0	0 1 3 1 0	00000	3.38 4.18 4.48 5.26 4.34	,32 2,10	1.25 1.10 .97 1.78 1.21	20	.0 .0 .0	0000		6 6 5 5	5 6 3 5	2 1 0 3 2
PIEDMONT ROWNEY 3 NNE WARDENSVILLE R M FARM DIVISION	77.6 81.7 78.2	52.7 48.4 47.9	65.2 65.1 63.1	= ,2 = 1,2 = ,8	97 98 95	10	39 31 33	14	93 74 113	4 9 6	0 0 0	0 1 0	0 0 0	4.16 4.49 5.32 4.10	1.30 2.60 1.27	1.87 1.70 2.32	20	.0	0 0		5 8	3 3 3	2 2 1

Station	Total	1	2   :	3 4	5	6	7	В	9	10	11	12		of Mont 14 15	16	17	10	19	20	21	22 23	24	25	26	27	28	29	30
PRTHWESTERN 01																	и											
LEVILLE DAM 20 NS RUN 1 54F ROO 3 5 ISTON 1 55W LENMORO	3.31 2.55 3.18 3.74 3.29																.05 .23	.38	T	.01	• I				.97	. VA 1.12 1.34 .68	1.41 .08 .88 1.81	.10
MECHEN DAM 19 UNDSVILLE N CUMBERLAND MARTINSVILE RXERSBURG FAA AP	1.61 1.82 1.00 1.99 2.72											Ŧ					.02	.12 .22 .12	. 36	.02	•1 •1	. 10			.60	.2A .A8 .19 .92	.A9 .40	.08
RKIRSHURG WE CITY R MARYS SHINGTON DAM 19 RTON LISHURG 3 NE	2.94 3.01 2.76 .91											τ .					.03 .05 .01	.51 .36	.01 .03 .31 .44		*1' *1' T	• 05			.24	.19	.17 .51 1.48 .02	.08
ELING WARWOOD OF 12	1.31																	•12	. 32	.10		Т	Т			.17	.50	.12
RTH CENTRAL DZ																												
INGTON 50N Khannon 2 W N5VILLE TRALIA 2 NNW	4.30 3.18 3.17 3.69 5.19		T									т .	.57				1	• D B	. 44 . 32 . 42 . 82		.3 .0				.02	1.19	1.35 1.74 1.12 1.22	.08
RKSBURG 1 IRMONT 55away Enville NTSVILLE 2 NW	3.85 4.25 4.10 3.75 3.18			7								.28					.03 .02	.65	.24 .02 .45		• 21 • 01 • 0	6			.54	1.40 1.46 1.35 .82 .76	1.65	.02 .12 .92
STINGS RNER DLT LOCK 15 FLANO NE LEW	2.95 2.44 3.61 3.85 3.83				т						•02	т					. 01 T	12 •45	.06 .77 .20	.03	.0				T	1.31 1.14 1.24 1.11 1.30	1.32	.05 .16 .22
KE LYNN NNINGTON 1 N NNINGTON 1 W OOLEBOURNE 2 ESE RGANTOWN FAA AIRPORT	2.67 2.83 2.97 2.61 3.44											Т					.01	.08 .28 .17		. 05	• 0 • 1 • 3	•13 •02			.08	.38	1.60 .87 1.77	•15 •10
RGANTOWN L AND O TLIPPI TTON RESERVOIR NOALIA	3.56 4.37 4.25 3.86	. 28 T										т	T .22					.16 .03 1 .07	.66 .10 .58	;	T •0	.04 .33 .04				.52 .62 .69	1.77 1.53 .90	.13 .76 1.75
STON ST UNION	3,83												'			•03			•11		• 2	• 26 3			•22	1.50		.91
OUTHWESTERN D3																												
ANCHLANO ARLESTON W8 AP R ARLESTON 1 AY 1 ENOENIN 1 5W	3.63 2.53 2.60 4.60 3.89	•02										.07	.06 .46 .04			т	T . 12	•10 •15 •10	.48 .08 .50	т	7	T B T			.44	1.40 1.07 .99 .70	1.10 .72 .98 .97	.01 .33 1.79
RTON NLO# 5 E MLIN 6SETT GALLIPOL15 OAM NTINGTON FEO BLOG	3.19 2.33 3.42 3.91							_				. O 7					.03 .11	• 32 • 23	.01 .02 .29 .10	.04	, o	.11 -	_			.80	1.27 .99 1.55 1.35	.44
NTINGTON W8 AIRPORT RMIT GAN NOON LOCKS 0150N	4.53 3.25 4.92 4.48 3.10												T •03 1•30 •07				. 19 T	•35 •15	.44	T T	•1	0 •31 •06			.88	.76	1.05 1.05 1.38 .72 .85	2.20
INT PLEASANT 5 NNE VENSWOOD OAM 22 PLEY PLEY VNE 2	3.38 3.08 3.85 3.90			.   .													.11 .02 .12	.42 .60	.01 .17		T .0	. 06				2.05	1.44	.02 .28 T
DEN LL14M50N LL14M50N 2 NF1ELO LOCKS	4.40 6.81 - 4.03	-	-	.   .	-	-			-		-	-	.49 .43		-	-	- T	• 24	.49	.28	T -	•20	-		-		1.13	1.48
e e e ENTRAL 04  8RIGHT PENA 1 NW 80VALE 2	3.57 4.88 5.08											.35	.10				J	•12 •03 •08 1	.33			*D8				.72	2.00 1.75 2.21	1.60
LYÁRD CKLEY V A HOSPITAL CKLEY W8 AP LVA RCH RIVER 6 55W	8.27 4.54											.07	T T .82		T		.12 T	.08 1 .14			•0	*13 T			.23	.73 .33	4.57	2.35
ANODNVILLE CKEYE MDEN DN GAULEY MAAN VALLEY	3.60 5.80 6.63 5.22	.03 T			•	Ī					Ť	.07	.23		-	•	т	.05 .14 1	.88 .38	7	т	.13		-	т	.43	1.91 2.43 2.63 1.48	1.14
Y CREEK ST RAINELLE 3 NNE KIN5 W8 AIRPORT AT TOP CKER VALLEY	7.13 4.89 4.20 3.77 5.08	.01										.06	.03 .20				.05	.15 .10 .35	.38 .42 .08		.0. .0!	3 ,10				.96 .32 1.75	1.65 2.09 1.25	3.82 1.80 .39
CD PEMONT RC55	6.56 4.86 5.75	.07										.35	•17 T					.11 1 .05 .22	.59 .89 .43	.03	• 2					.22 .77 .35	1.43 2.56 3.20	.34 1.20
K HILL (R50N5   SE (CKEN5   ECKEN5   EC	7.41 4.52 7.26 5.61											.03	•14 T •46				.08	.13 .07 .08 .22	•30		.04	.05				.69 .93 .51 1.09	2.20 1.57 1.97 1.81	3.95 1.01 2.01 2.00
RUCE KNO8 ONY RIVER OAM MMERSVILLE ICMAS	4.98 5.12 7.33 4.60	.04										.67	.76				.01	.09 1 .10 1 .17 1 .08	.04 .14 .04 .88	. 10		.10 .06 .15				.23 .66 .54	2.32 1.72 2.28 3.21 1.89	1.10 .74 1.64 1.02
LLEY BENO LLEY HEAD RSTER SPRINGS 1 E	6.06	.71 .04 .75										,2+ T	. 75 . 34 . 22					.06	.40 .64 .74		• 0	2				.59	1.68	1.62

# DAILY PRECIPITATION

SIPITA ITON

WEST VIRGINIA
SEPTEMBER 1964

Continued				_			_														_	_										EMBER	
Station	Total														Day	of N	onth																
Diadon	To	1	2	3	4	5	6	3	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SOUTHERN 05																																	
ALDERSON ATHENS CONCORO COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY //R	3.64 3.15 2.74 2.92 3.36													т	•05 •05 •04					*03 T	.09 .35 .09 .15	.24 T	т		* <sup>01</sup>	•21				.11		.86	
IAEGER KOPPERSTON LISBURG 2 SSW MATOAKA PINEVILLE	5.02 8.09 5.44 3.75 5.72													•2	0 7					*08 T	•21 •46 •08 •40 •17	•19 •03 •21 •31 •89	•05		•05	• 05 • 02				.63 .18	.92 4.35 4.03 .84 1.34	2.29 .85 2.20	
PRINCETON RENICK 2 S UNION WHITE SULPHUR SPRINGS	2.39 6.03 2.12 3.91														•09 •15 •12					т	•04 •09 •04 •10	.39 .39 .24 .35		•02		l T					2.53	1.38	
NORTHEASTERN 06																																	
BERKELEY SPRINGS BRUSHY RUN FRANKLIN 2 NE MARPERS FERRY MARPERS FERRY NAT MON	3.44 4.79 4.07 2.43 3.16	•2	7											T T • 2:	.86 .42 .13						.06 .91 T	.59 1.15 .37 .97 1.16	• 06 T			т			T	1.13 .26 .21 .24 .43	1.27 1.02	1.19	
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATMIAS MOOREFIELD MCNEILL	2.90 3.38 4.18 4.48	-	8	-		-	٠	.	-	-	-	-	.0	.1 .2 .6	5	•	-	-	-	ī	1.25	.06 1.10 .97	-09	-	T T	•	-	-	.13	1.01 .47 .85	.40	.40 .24 .57	
OHPS PETERSBURG PIEOMONT ROMNEY 3 NNE ARDENSVILLE R M FARM	5.26 4.34 4.16 4.49 5.32	Ť						-						o 6	5 †						•02	1.02 1.87 1.70	.10			•03				.58 .51	1.32 1.21 1.49 1.58	.88 .16	

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numi	per of d	ys with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7.00 AM EST	1,00 PM EST	7.00 PM EST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	14	9	6.5	23++	28	24	82	88	50	64	1	2	2	1	2	1	9	_	5.4
CHARLESTON WB AIRPORT	04	7	5.0	27++	23	24	78	85	44	55	2	2	3	1	1	0	9	-	5.1
ELKINS W8 AIRPORT	16	4	4.9	22++	25	24	94	95	52	74	0	4	3	0	2	0	9	-	5.6
HUNTINGTON W8 AIRPORT	02	5	4.5	21++	28	24	82	88	54	60	0	0	3	1	1	1	6	-	5.0
PARKERSBURG WB CITY	-	-	5.5	29	NW	23	-	-	-	-	1	2	3	1	1	0	8	64	-

		ı — –									111			17,11		1111	10	ALL.	10				_			_				51	PPTEMBER	1 1964
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	Day 15	of M	onth 17	16	19	20	21	22	23	24	25	28	27	28	29	30 31	Average
* * *			1	1		1							l		L	1																
NORTHWESTERN 01																																
BFN5 RUN 1 55E	MAX MIN	84	86 56	77 52	84	89	81 45	80	88	92	90	93 56	88	66	71 36	75 39	80	84 51	87	74	72 61	80 55	83	85 53	80 48	68	68	74	74	59 37	70 43	79.4
CATRO 3 5	MAX	85 52	93	85	90	85 59	82	90	93	94	95 52	91 58	76 52	74	76 32	86 36	85	88	77	70	82	81	86 52	80	72 45	77	82	74 54	65	60	70 59	81.5 50.8
CRESTON 1 55W	MAX	90	75 51	79	85	90	85	86	94	83	85	85	84	58	64	65	72 35	72 40	79	62	65	70 55	74 54	78 54	72 45	61	65 35	78 35	66	68	66	75.2 47.3
MOUNOSVILLE	MAX MIN	88	88	85	91 54	90 58	83	93	94 51	95 55	96 56	94 56	75 54	76 42	77 33	79 39	R4 46	90 49	88 58	73	80 64	87 55	88	85 62	79 44	71 49	84	84 58	64	58	70 50	83.0
NEW CUMBERLAND	MAX MIN	81 55	77 56	85 48	91 58	88	80 44	89	93 52	94 56	95 56	91 59	65 52	70 37	74 38	72 44	85 42	87 50	84 58	70 60	75 62	83 57	84 52	84 62	79 48	68 48	83 40	80 61	62	60	69	79.9 51.1
NEW MARTINSVILLE	MAX MIN	75 57	81 63	88 53	91 54	85 60	86 48	93	95 52	96 58	97 56	90 61	70 56	74 45	78 38	81 40	84	90 51	77 62	71 60	81 65	87 57	88 54	8 0 5 8	71 48	68 47	82 39	77 46	55 50	58 50	70 50	80.6 52.5
PARKERSBURG FAA AP	MAX MIN	76 57	78 58	85 57	88 57	82 60	82 50	92 52	91 56	94 58	94 59	88 60	67 53	72 47	77 35	83 44	86 50	89 59	73 64	71 62	80 64	8 2 60	85 58	81 57	68 54	69 50	81 47	73 55	55 52	58 53	70 48	79.0 54.5
PARKERSBURG WB CITY	MAX MIN	75 58	78 59	85 54	88 57	81 60	82 50	90 54	90 56	93 58	95 58	88 60	66 52	69 46	76 37	81 42	84	8 8 5 8	71 63	70 61	80 62	85 60	85 58	79 60	67 54	68 48	81 46	70 54	55 51	58 52	69 51	78.2 54.3
WEIRTON	MAX MIN	78 57	80 57	87 49	90 59	82 57	83 49	92 51	94 54	96 58	96 59	87 63	65 55	73 42	76 41	76 46	84 46	88 52	75 61	68 61	77 62	83 58	86 58	8 2 6 5	72 53	68 48	89 46	78 53	53 47	60 48	72 48	79.7 53.4
WELLSBURG 3 NE	MAX MIN	83 50	81 49	87 41	90 49	87 51	82 38	93 42	94 44	96 49	95 49	88 53	66 49	72 31	75 29	73 35	84 39	88 43	81 55	70 58	77 60	84 53	86 47	81 58	79 40	67 45	85 34	78 55	61 45	60 47	71 44	80.5
WHEELING WARWOOD OM 12	MAX MIN	87 57	74 58	80 51	85 53	89 57	80 48	82	93 51	94 55	96 57	95 58	8 4 5 5	65 44	71 40	74 41	74 47	8 2 5 0	8 9 5 3	72 61	71 61	80 58	84 58	87 59	80 51	67 51	68 43	82 43	73 50	53 50	58 50	79.0 52.0
NORTH CENTRAL 02																																
BELINGTON	MAX MIN	88 53	67 53	77 45	84	88 49	82 40	82 41	91 44	92 48	93 48	93 48	91 52	61	72 31	73 31	79 34	84 42	86 46	73 57	71 57	74 54	80 46	82 46	78 44	69 44	66 35	79 35	77 49	65 49	68 55	78.8 45.4
BENSON	MAX MIN	78 47	77 39	85 48	90 47				94 47	97 48	96 48	96 48			72 28	79 33	87 39	8 8 4 5	90 60			84 53	86 47	85 45	68 43	67 43			57 49	64 54	67 55	81.3
BUCKHANNON 2 W	MAX	83 47	78 59	84 45	88	8 2 59	84 49	93 43	94 48	95 49	94 48	92 55	73 52	74 43	73 29	79 33	85 40	86 45	77 60	72 58	76 61	80 49	85 46	8 0 5 8	70 42	67 47	79 35	77 55	67 48	68 56	65 55	80.0
CLARKSBURG 1	MAX	71 51	78 55	83 50	86 50	80 52	8 Z 4 3	88	88 50	93 52	94 52	91 59	65 54	71	73 33	80 36	83 44	87 47	74 61	72 60	78 59	80 54	83 49	77 60	67 38	65 42	79 37	76 52	58 50	61 57	67 48	77.7
FAIRMONT	MAX MIN	69 55	76 59	8 2 4 8	86 54	78 60	80 47	90 50	91 55	94 57	93 56	88 58	65 52	70	74 35	78 41	83 49	87 53	73 62	70 59	76 61	8 O 5 B	81 52	80 60	68 53	66 46	81 43	76 50	55	58 54	66 49	77.1
GASSAWAY	MAX	85 56	77 59	86 53	56	60	85 47	90 45	91 51	93 54	92 51	91 57	76 53	42	73 37	78 38	83 42	83 47	76 59	60	78 61	82 55	83 55	62	80 49	78 42	79 37	82 52	71 50	68 58	68 58	80.6
GLENVILLE	MAX	53	74 54	76 53	53	89 56	8 Z 4 6	46	48	50	90 51	92	92 51	67	71 33	74 35	36	39	85 46	75	60	55	82 54	83 55	83 47	72 42	69 36	37	78	60 49	57	79.5
GRANTSVILLE 2 NW	MAX	50	75 56	78 56	53	60	60	45	93	51	96 52	60	92 51	43	74 33	75 36	82	87 49	87 49	57	71 60	51	83 54	86 48	87 46	40	37	45	74	70	80 55	82.2
MANNINGTON 1 N	MIN	50	79 58	83	46	89 45	38	92	93	46	47	90 53	76 50	72 36	75	32	50	87 44	90 58	73	79 61	53	47	81 52	70 40	40	82 32	79 53	50	59	67 52	80.4
MIOOLEBOURNE 2 ESE	MAX	54	79 61	85 51	52	59	43	91	92 50	94 51	52	57	70 54	39	75 31 73	81 36	85 45	48	75 50	71 55	63	85 55	52	85 55	70 43	68	37	71 55	59	59	65 54	79.3
MORGANTOWN FAA AIRPORT	MAX MIN MAX	69 54 74	76 53 78	80 48 83	88 53	78 54 80	79 45 80	89	90 55 92	92 57	92 56 93	90 56 90	65 51 70	70 42 71	34 75	78 43	81 48	85 53 86	72 62 75	70 60 72	76 62 77	77 60 80	55	79 60 81	68 52 70	67	82 43 82	76 51 78	57	57 52 59	66 49 68	76.7
MORGANTOWN L AND O	MIN	55	59 73	47	52	62	47 82	48	95	56	95	59	93	65	36 72	78 40 75	83 49 82	50	60	60	60 70	57	82 49	56	49	47	41	58	50	53	54	78.6
WEST UNION	MIN	53	52	52	52	53	46 83	46	90	51 93	53	53 91	52 78	73	36 74	36 80	38	87	51	70	60	55	53	53	48	48	38	38	50	50	56	81.1 49.0 79.0
* * *	MIN		60	50	51	58	50	44	49	51	52	59	53			37	44		60	60	67	54		62	46	44	38	57	50	55	55	50.9
SOUTHWESTERN 03																																
CHARLESTON WB AP	MAX	78	80	86	91	86	87	95	93	96	93	92	65	75	75	83	87		72	71	80	85	87	83	74	72	84	84	60	65	65	80.9
CHARLESTON 1	MIN	90	52 79	53 82	89	94	89	90	55 97	96	56 98	98	56 97	64	76	40 79	86	57 92	62 85	73	71	57 81	55	62 91	55 84	76	74	58 85	52 85	58 62	57 65	83.9
CORTON	MIN	83	55 78	55 87	90	62 90	51 87	94	93	95	94	61 92	58 84	75	76	83	87	55 85	60 77	70	63	58 85	87	6 2 8 3	52 76	72	82	86	76	54 76	58	53.7
OUNLOW 5 E	MIN	53	78	87	90	90	88	94	93	95	95	95	83	75	76	38 78	87	84	74	58	58 81	86	53 82	64	79	74	83	55 84	72	57 68	65	51.3
HAMLIN	MIN	88	79	81	87	91	85	87	95	91	95	95	83	66	71	77	84	59 88	82	70	72	82	86	65 85	82	73	71	60	82	55	62	54.2 81.1
HOGSETT GALLIPOLIS DAM		87	52 78	78 55	86	90	84	84	89	90	94	53 96	55 89	68	78	32 75	83	37 87	88	71	74	80	86	54 85	85	70	71	83	71	56	61	80.6
HUNTINGTON FEO BLOG	MAX	80 57	54 82 58	55 88 57	90	83	51 88	93	93	52 95	97	90	57 69	73	38 78	86	91	84	73	75	86	90	83	80	70	71	80	75	56	60	71	81.0
HUNTINGTON WB AIRPORT	MIN MAX MIN	79	58 78	57 85	89		55 85 50	90 50	90	60 91	94	89	59 68	71	75	82	86	63	66	73	80	63 84	83	81	72	71	82	77	54	56 58	58 69	78.9
	l sema	56	52	51	101	60	90	1 30	54	53	See	Refer	ence N	45  otes Fo  - 11	ollowir	40 ng Stati	on Ind	ex	00	1 00	61	24	1 28	02	49	40	40	50	47	52	24	52,4

Continued		1								וע	711		11	TATI		IIV	10	111	LIO.											51	EPTEMB	ER	1964
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LOGAN	MAX	94	82	85	92	93	91	94	97	95	100	96	96	63	76	78	84	90	80	71	74	81	89	87	83	75	74	86	84	66	70	_	84.2
LCNOON LOCKS	MIN	52 91	52 78	53 80	53 87	53 91	49 85	85	50 92	50 91	52 96	53 93	59 92	63	39 72	36 73	36 81	41 85	53 81	59 74	58 72	55 78	55 82	56 85	52 79	70	38 68	41 79	54 82	54 78	57 68		49.8
MADISON	MIN	57 89	57 80	56 80	58 87	61 90	55 88	90	53 96	57 90	98	58 93	62 94	63	46 75	45 79	47 84	50 87	55 79	70	62 70	59 79	58 85	<b>5</b> 9 85	55 81	73	45 73	85	55 84	56 63	58 69		54.6 82.0
POINT PLEASANT 5 NNE	MIN	85	54 78	83	88	54 86	82	90	50 90	93	93	53 90	51 74	71	37 75	37 81	37 86	42 83	54 76	73	60 82	56 85	56 83	56 81	51 76	70	39 82	39 74	63	55 59	58 68		50.1
RAVENSWOOD OAM 22	MIN	90	79	84	87	59 88	45 85	89	50 92	53 91	93	90	56 84	72	35 75	36 82	85	53 85	82	71	59 80	55 85	87	66 86	48 74	69	37 80	57 80	48 66	52 60	53 71		51.0 81.4
RIPLEY	MIN	54 87	82	56 87	91	88	86	95	52 95	97	95	61 95	55 84	75	77	39 84	88	52 88	81	71	59 80	58 86	56 88	84	73	72	41 88	82	56	54 60	56 72		52.9 83.2
5PENCER	MIN	52 85	78	51 87	89	61 89	45 85	93	93	53 95	95	92	53 82	71	74	82	86	52 87	81	69	60 81	55 84	85	59 83	47 71	70	38 79	55 79	48 68	54 61	55 69		50.9
WAYNE 2	MIN	52	50	48	52	66	45	45	50	52	58	66	53	45	30	35	43	52	60	60	60	55	53	66	53	47	38	62	47	54	55		51.7
WILLIAM50N	MIN	92	85	84	93	94	92	94	99	98	100	96	97	65	77	78	86	90	84	70	71	83	88	86	81	76	77	84	84	67	71		84.7
WINFIELO LOCKS	MIN	56 89	78	80	86	90	52 83	87	51 94	93	94	94	92	70	74	39 75	83	87	55 82	73	63 72	57 82	57 85	57 85	54 82	64	39 70	82	80	57	59 62		52.3 80.9 53.3
* * *	MIN	55	55	57	55	59	52	52	52	57	59	60	58	49	37	39	45	50	59	62	63	60	59	60	53	46	44	44	51	50	57		53,3
CENTRAL 04																																	
ARBOVALE 2	MAX	80	75	85	85	81	83	86	88	90	86	90	82		70	76	80	84	75	75	65	70	78	77	71	62	69	76	70	65	62		76.6
8AYARO	MIN	78	73	78	80	77	35 76	85	86	87	90	59 86	78	63	67	72	76	80	73	68	63	62	74	74	70	60	74	73	64	60	57 64		73.9
BECKLEY V A HOSPITAL	MIN	82	74	82	83	83	35 82	85	85	88	85	52 87	82	61	69	31 75	72	78	73	71	55 72	55 75	80	72	73	65	74	78	72	69	51 65		76.4
BECKLEY WB AP	MIN	72	40 74 44	84	85	59 84	83	84	46 84 54	48 88 53	85 55	59 88	63	60	69	75	36 81	77	69	69	73	73	78	56 75	67	65	73	78	72	62	56 64		47.8 75.3
BIRCH RIVER 6 SSW	MIN	49		49	56	54	46	56	24	73	22	62	51	42	37	40	45	58	57	57	58	55	51	59	47	39	41	55	57	61	55		51.4
BRANOONVILLE	MIN	83	67 53	73	80	83	75	77	88	88	89	90	87	62	68	70	74	78	83	72	65	70	70	79	76	65	62	80	73	58	63		74.9
BUCKEYE	MIN	83	79	86	87	50 85	37 86	87	89	93	48 87 47	90	47 85	65	72	79	81	83	79	69	58 65	73	81	81	76	66	74	79	75	68	52 68		79.0
CANAAN VALLEY	MIN MAX MIN	46 77 42	70 49	48 78 34	79	53 77 55	48 77 30	82	83 38	85 39	86	56 82 51	55 76 48	62 38	38 65 18	70	35 77	41 82 43	73 53	63	57 64	62	74	72	72	62	62	39 72 52	58	62	62		47.9 72.5
ELKINS WB AIRPORT	MAX MIN	65	74 49	81	83	77 48	79 42	87	88	90	90	88 56	59 52	68	68	30 75 31	37 80 41	83	73 56	52 69 56	55 72 56	54 77 50	78 47	45 77 51	50 67	62	77	77	63	67	52 62		75.2
FLAT TOP	MAX	79	70 43	73 45	79	79 58	79 43	80	80 50	81 48	83	81 62	84	56 46	55 30	66	72 35	75 40	73 50	65	65 56	68	68	75 47	51 71 50	38 64 41	32 62 35	54 69 46	73 53	61	50 63 58		71.9
HOPEMONT	MAX MIN	76 49	77 54	76 54	78 54	74 62	82	82	81	82 54	79	80	77	74	70 18	67 28	69	70	74 44	70	65	66	69	68 52	64	62	69	67	63	59 67 54	70 52		72.3
MC ROSS	MAX MIN	82 51	74	81	85	86 55	84	82	85 45	89	89	88	86 53	62	69	77 29	80	80 41	74 53	68	68 58	73 56	79 51	78 57	75 43	70 37	74 29	79 45	70 57	68	66 55		77.4 46.9
OAK HILL	MAX	86	74 46	79	87	90	90 46	87	89 55	89 53	94	89 58	94 56	58	68 37	72 37	81	85	78 55	70 55	72 56	77 55	75 53	83 54	78 48	78	69	78 41	83	70 59	69 57		79.7
PARSONS 1 5E	MAX	84	77 57	84	86	84	81	91	92	93	92	90	88 52	70		76 33	72	82	85 47	73 57		71 53	75		77	67	64	77	76 48	64	68 56		78.8 47.7
PICKENS 1	MAX	74	70 46	78 44	80	77 55	77 40	84	85 48	86 47	87 46	85 54	72 50	64	65 32	70 35	77 41	79 45	70 54	70 54	69 56	73 49	76 45	74 53	65 41	61	71 34	74 56	67 55	65 61	63		73.6 47.1
RICHW000	MAX	79	80 43	81 45	83	78 55	81	84 45	87 42	90 49	87	88	77 43	68 32	74 31	80		71 54	65 55	69	76 55	76 46	76 55	76 53	61	63	72	77	74 58	66	66		76.2
ROWLESBURG 1	MAX	82 53	79 58	85 44	87	84 57	84	93	94 50	96 51	95 51	90 56	82 51	72	73	78 36	82	87 46	76 57	68 58	75 58	75 53	82 49	77 52	68	67	82 36	76 51	66		70 55		79.8
SPRUCE KNOB	MAX	76 49	70 48	71 50	79 55	81	80 45	78 48	83 54	84 56	85 59	88 58	83 61	61	56 37	67	70 47	76 52	78 57	70 52	69 56	63	61	69	72 52	62	58	69	72	63	63		71.9
WF8STER SPRINGS 1 E	MAX	77	77	86 52	87	83	83	92	92	93	94	91 59	85 54	71	74 37	80 33	84	85	75 57	72	74 67	82 55	83	80	78	68	78 37	81	72 56		67 58		80.4
* * *																								-									
SOUTHERN 05																						,											
ATHENS CONCORD COLLEGE	MAX	79 52	75 43	80 47	81 51	85 54	81 52	82 54	80 53	85 50	85 58	86 60	84 59	75 44	67 34	74 36	79 39	76 47	75 58	67 58	71 60	69	78 50	79 61	77		67 37	78 45	76 60	74 62	66 62		76.9 52.0
BIUEFIELO FAA AIRPORT	MAX	74 55	73 48	79 54	79	80 63	78 56	78 53	78 57	81	80 63	83	67 53	55 47	65	72 48	76 48	75 57	67	68	68 59	68	76 50	72	65	63	69	76 56	72 60	66	65	1	72.3 54.6
BLUESTONE DAM	MAX MIN	86 55	76 52	78 52	85 55	89 58	89 50	85 52	88	87 53	89 51	88 52	91	65 52	63	73 40	80	84	80	72 58	73 61	74 60	75 55	82	80	73	70 38	77	82 48	74 62	69		79.2 51.3
GARY	MAX MIN	87 52	84	82	88	87 53	86 45	89 45	91 47	89	92	89	90		67	73	79 33	86 38	83	70 56	77 57	79 53	81 51	83	80	72	70 34	80	83		70 61		81.0 48.0
KOPPER5TON	MAX MIN	81 52	82 47	84 50	85 52	84	86 48	90	89	91 52	89 51	90 60	80	69	71 35	78 35	69	77	70 57	73 56	78 58	80	82	77	71 48	66	78 37	80	70 62	68	67 59		78.5 51.0
LFWISBURG 2 SSW	MAX	82	75 46	81	85 50	86 59	82 45	81	84	86	84	87	86 60	64		77	82	83	76	68	73	70	80	80	77	69	80	79	78	70	67		78.1 50.6
						,							nce No	tes Fo	llowin													- 1					

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Station																Da	ol M	onth											-			8
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Aver
PINEVILLE	MAX MIN	88	81 51	83	88	88	89	91	94	92	95	90	93	66	72	76 34	R3 34	87	83	72	76 59	80	82	84	79	73	71	79	85	73	70	82.1
UNTON	MAX MIN	85	77 43	76 45	81	85 53	85 43	83	84	85 48	86	85 55	89 59	68	59 37	72	77	82	77	73	70 58	70	70	80	# 2 52	70	70	75 40	82	75	66	77.3
WHITE SULPHUR SPRINGS	MAX	87 53	78 47	85 52	88	88	85 42	85	86	88	85 48	90	88	65	74	80	83	78 43	77	66	70	82	82	82	79	70	75 31	80	78	70	70 62	79.8
* * *																								,,	,-			~ .	,,,		0.5	77.7
NORTHEASTERN 06																																
BERKELEY SPRINGS	MAX MIN	84 56	82	88	95 49	89 59	83 43	87 45	89	95 50	97	97 61	84	71	79 30	81	78	90	78 58	72	61	67	76 44	82	77 57	68	75 35	78 48	71	55 48	64	79.8
FRANKLIN 2 NE	MAX MIN	73 52	76 49	86 43	88	84 55	82 40	87	90 47	93 48	90	91 57	79 51	61	72 36	77	81	85 47	77 57	69	65	67	74	82	76 44	66	75 34	75 47	71	62	58	77.1
HARPERS FERRY NAT MON	MAX MIN	89 61	83 48	87 50	97 57	90 53	86 51	87 53	90	93 57	95. 68	97	92	65	80	83 45	82 45	91	85 53	83	65 58	77 57	78 49	87 54	87	81	79 43	78 56	76 52	56	62	82.7
KEARNEYSVILLE 1 NW	MAX MIN	89 60	78 55	80 42	86	96 65	92 45	83 47	86 91	87 52	92 54	96 66	96 56	63	65	78 44	81	77 54	90 58	80 59	68 58	61	71	75 50	83	75 48	68	76 44	76 51	52 48	57 51	78.6
KEYSER	MAX MIN																															
MARTINSBURG FAA AP	MAX MIN	78 60	8 0 5 2	87 45	95 52	88	84 49	88	89 52	95 52	95 53	98 64	67 56	66	79 34	80	78 51	91 90	80	68	61	70 55	76 50	84	75 53	69	78 39	79 55	60	55 47	63	78.5 51.2
MATH1A5	MAX MIN	79 52	80 50	87 40	92 52	86 57	84 41	86 43	87 49	93	91 46	95 48	79 50	63	74 30	79 35	80	87 48	80 58	70 55	62	65	74 50	82 48	71	67	72 34	75 52	70 46	66	64	78.0
MOOREFIELO MCNEILL	MAX MIN	89 90	82 55	90 40	93	92	88	93 41	95 45	98 46	99 46	97 58	97 53	70 48	78 32	81 32	83 45	90 45	89 58	75 59	64	68	76 46	83	81	71	77 32	81	76 50	58	63	82.6
	MAX MIN	89 58	80 49	75 45	84 51	91 59	85 45	79 47	85 51	85 56	90 52	90 54	95 50	62 50	72 32	75 36	78 52	77 49	89 53	81 59	66 57	66	66	72 46	83 53	72 51	65 38	74 45	80	62	62	77.7
	MAX MIN	86 54	83 59	90 45	94 51	94 59	87 44	92 45	94 49	98 90	99 49	96 69	91 92	70 52	76 37	81 37	83 49	89 49	84	75 59	66	69	75 53	84	80 53	71 54	80	75 39	70	59	60	81.7
	MAX MIN	88 94	71 54	79 50	88 54	90 64	82 55	84 58	88	89 60	92 58	97 60	92 56	70 49	75 40	78 40	79 49	79 54	89 63	79 65	65	60	61	75 50	78 50	69	66	76 44	78	52 46	60	77.6 52.7
	MAX MIN	89 51	8 i 5 3	89 41	93 47	90 57	85 41	91 43	93 47	97 47	98 48	96 61	93 57	71 47	79 31	81 35	82 45	91 45	88 56	77 59	63 58	65	76 52	82 46	78 47	69	78 35	78 49	75 50	56 48	66	81.7
	MAX MIN	92 52	74 55	80 41	88	93 55	88	84	88 40	90 48	94 47	94 55	95	61	65	77 37		81	89	81 59		62	66		84	73		74	77	52	58	78.2

## EVAPORATION AND WIND

Station																Day	Of M	onth															E . 6
Siadon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NORTH CENTRAL 02																																	
LARKSBURG 1	EVAP W1N0	•11 39	•10 36	·10	.07 41	.18	.07	.07	.09	.13	.10	.16 56	•15 50	.14	.06 51	.11	•07	·10	.02 17	.01	.03	.07	.09	.11	.19	·11	58	52	26	17	39		2.93
SUTTON RESERVOIR	EVAP W1N0	• 25 48	.12 34	.17	·20	.20	.29	.22	.18	.18	•26 33	.15 21	.18	.03	.21 53	.19	•06 35	·03	·40 27	.05	.02	.18	.12	.18	.12	. 25 84	.19	.17	-11	.03	21		4.90 1120
SOUTHWESTERN 03																																	
OGSETT GALLIPOLIS OAM	EVAP W1NO	•18 54	.17 27	.18 32	.15 24	.20	.42 42	. 25 34	.05 25	. 15 28	•21 24	.25 24	.23 78	.20 75	.05 50	. 22 39	.10	36	.24	.22	20	.14	.17	•12 37	.15	.30 98	.10	.17	.02	.42	.31		5.56 1196
# # # SOUTHERN 05																																	
BLUESTONE DAM	EVAP WINO MAX MIN	89	47 85	85	88	21 89	89	17 89	88	87	90	82	37 93	47 65	28 62	3 2 7 8	22	27 79	16. 73	10	11	73	29 76	80	79	75	37 73	51	74	11	9		4.34 893 79.2 55.5
* * * NORTHEASTERN 06																																	
NAROENSVILLE R M FARM	EVAP W1NO MAX M1N	91	37 84	29 84	20 85	.27 35 93	50 85	.20 19 86 54	25 87	90	92	92	55 89	62	70	30 80	19	21 83	25 82	12	35 65	33	17	16	36	110	19	101 73	49	30			5.68 1000 78.7

	NO.		GE ‡	DE	3QD	NOL		SER		D				NO.	NC		⇒ 35	DE	300	NOI		SER	D	
STATION	INDEX NO	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	EVAP.	SPECIAL HET MOTES.	OBSERVER		STATION	INDEX	DIVISION	COUNTY	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECIP.	SPECIAL OUT HOUSE	OBSERVER
ALBRIGHT ALDERSON ALPEMA 1 MW ARBOVALE 2 A7MENS COMCORO COLLEGE BAYARD BECKLEY V A MOSRITAL BECKLEY WB AR BELIMGTON BELLEVILLE OAM 20	0102 0 0143 0 0249 0 0355 0 0527 0 0580 0	PRESTON HONROE RANOOLRH POCAHONTAS MERCER A GRANT RALEIGH RALEIGH BARBOUR WOOO		2 39 29 7 37 44 2 36 55 7 38 26 7 37 25 3 39 16 7 37 47 7 37 47 9 39 02 3 39 09	79 38 80 38 79 40 79 49 61 01 79 22 81 11 81 07 79 56 81 45	12 15 30 27 26 23 23 23 25 16	15 10 10 10 15 15 10 10 14 11 17	7A 7A 7A 8A 3P 7A 8A HID		н	MONONGAMELA ROWER CO. RASSIE L. SIMS OMER S. SMITM MRS. NETTIE R. SHEETS CONCORO COLLEGE HOWARO R. FULK V. A. HOSPITAL U.S. WEATHER BUREAU GEORGE R. MILLYARO CORPS OF ENGINEERS	1	WHITE SULTMUR SPRINGS WIDEN WILLIAMSON WILLIAMSON Z WINFIELO LOCKS	9554	03	GREENBRIER CLAY HINGO HINGO PUTNAH	7 4 1 1 4	37 48 38 28 37 40 37 40 38 32	80 18 80 52 82 17 82 17 81 55	1914 67: 65: 57:	3 3 8 A	7A 8A 8A 7A	н	JAMES A. TERRY MRS. JOYCE S. BUTCMER MORFOLK + WESTERN RY, MRS. WILMA E. ROBERTS CORPS OF ENGINEERS
BELVA BENSON BENS RUM 1 SSE BERKELEY SRRINOS BIRCM RIVER 6 SSW BLUEFIELD FAA AIRPORT BLUESTONE OAM BRANCHLAND BRANDONVILLE BRUSHY RUN	0679 0 0687 0 0710 0 0844 0 0921 0 0939 0 1075 0 1083 0	4 NICMOLAS 2 MARRISON 1 TYLER 6 MORGAN 4 NICMOLAS 5 MERCER 5 SUMMERS 3 LINCOLN 4 PRESTON 6 PENOLETON	10	38 14 39 09 39 28 39 37 30 25 7 37 18 7 37 39 3 38 13 2 39 40 9 38 50	81 12 60 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	70 100 64 186 286 131 66 17	0 61 15 61 15 61 16 8	6P 6P HID 8A	8.8	H C H	RAYMOND E. PHILLIPS CLARKSBURG WATER BOARD ROBERT N. MALL H. M. RUPRENTHAL, 111 SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY CORRS OF ENGINEERS BERYL L. WINTERS VERL E. GALLOWAY JOHN B. SHREVE													
BUCKEYE BUCKHANNON 2 M BURNSVILLE CAIRO 3 S CAMDEN ON GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTOM WB AP CMARLESTOM I CLARKSBURG 1	1220 0 1282 0 1328 0 1363 0 1393 0 1526 0 1570 0 1575 0	4 POCAHONTAS 2 UPSHUR 2 BRAXTON 1 RITCHIE 4 MEBSTER 1 TUCKER 2 BRAXTON 3 KANAWHA 3 KANAWHA 2 HARRISOM	10	7 36 11 39 00 5 36 52 5 39 10 6 36 22 2 39 03 6 38 38 6 38 22 8 38 21 5 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	32 32 12 9	5 61 70 10 61 00 61	7A 6P 7A 6P 7A 6P 7A HID		H H C HJ	MISS ILEAN WALTON DR. ARTHUR B. GOULO JOHN W. BROWN EUREKA RIRE LIME CO. MOWARD FLETCMER BEN F. THOMPSON JAMES W LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO. MENRY R. GAY													
CLAY 1 CLENDENIN 1 SW CORTON CRESTON 1 SSW OAVIS DRY CREEK OUNLOW 5 E EAST RAINELLE 3 MME ELKINS WB AIRPORT ELLEMBORO	1723 0 1959 0 205A 0 2209 0 2462 0 2520 0 2638 0 2718 0	3 CLAY 3 KANAWHA 3 KANAWHA 1 WIRT 4 TUCKER 4 TUCKER 3 WAYNE GREENBRIER 6 GREENBRIER 1 RITCMIE	10	38 27 38 29 38 29 38 56 2 39 08 3 7 52 3 8 00 3 8 53 3 9 16	81 05 81 22 81 16 81 17 79 28 81 28 82 20 80 45 79 51 81 04	31:	5 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	7A 7A 5P 7A		C H	MRS. SARAH B. FRANKFORT KATHERINE M. RADER HORE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. OUMAS HRS. RUTH E. JARRELL KELLY BROWNING HRS. SUE V. WALKER U. S. WEATHER BUREAU MRS. RUSH L. GORRELL													
FAIRMONT FLAT TOP FRANKLIN 2 NE FREEMANSBURG GARY GASSAWAY GLEWILLE GRANTSVILLE 2 NW GRIFFITMSVILLE HACKER VALLEY	3072 0 3215 0 3236 0 3353 0	2 MARION 4 MERCER 6 PENOLETON 2 LEWIS 5 MC OOWELL 2 BRAXTON 2 GILMER 2 CALMOUN 3 LINCOLN 4 WEBSTER		39 28 37 35 38 40 39 06 37 22 38 40 38 56 38 56 38 14 38 39	80 08 81 07 79 19 80 31 81 33 80 A6 80 50 81 06 81 59 80 23	12 32 19 10 14 8 7 7	00 61 00 26 8 00 61 27 7 30 8	7A 7A 8A 6P 7A		н	CITY FILTRATION RLANT FRED E. BOWLING GEORGE O. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE MODE NATURAL GAS CO. ROBIN B. MOORE MRS. LELA M. CARTER													
MALL HAMLIN HARPERS FERRY HARPERS FERRY NAT MON MASTINGS HICO HOGSETT GALLIPOLIS OAM HOPEMONT HORNER HOULT LOCK 15	3816 0 3846 0 3927 0 3932 0 3974 0 4128 0 4200 0 4264 0 A281 0	2 BARBOUR 3 LINCOLN 6 JEFFERSON 6 JEFFERSON 2 WETZEL 4 FAYETTE 3 MASON 4 PRESTON 2 LEWIS 2 MARION		39 03 38 17 39 19 39 19 39 19 39 33 38 07 38 41 39 26 38 59 39 30	80 07 82 06 77 AA 77 44 80 40 81 00 82 11 79 31 80 22 80 08	13 6/ 44 2: 7/ 19: 5: 24: 10: 8	2 8 5 5 5 70 7 5	7A 5P 3P 7A		c	MRS.ORAL R. JACKSON W. VA. WATER SVC. CO. HISS ELEANOR J. WHITE HATIONAL RARK SERVICE HOPE NATURAL GAS CO. HRS MILDRED E CRIST CORRS OF ENGINERS HRS. MARRIET SHARRS CLARKSBURG WATER BOARD CORPS OF ENGIMERS													
MUNORED MHUNTINCTOM FED BLOG HUNTINCTOM WB AIRPORT IAEGER IRELAND JANE LEW KEARNEYSVILLE I NW RERNIT KEYSER KOPPERSTON	4388 0 4393 0 4408 0 4478 0 4559 0 A763 0	I WETZEL  GABELL  CABELL	3 39 41 8 38 25 9 38 22 1 37 28 5 38 49 6 39 06 9 39 23 1 37 50 9 39 26 3 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	10: 5: 8: 10: 11: 10: 5: 6: 9: 14:	55 MI M1 32 35 8	7A 5P 4P 8A 7A 5P		MJ	MFGRS. L7. + HT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU MRS RUTH L.SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EDWARD M. BOWEN POTOMAC STATE COLLEGE MOPE MATURAL GAS CO.														
LAKE LYMM LEWISBURG 2'55W LINDSIDE LIVEPPOOL LOCKNEY LOGAN LONDON LOCKS HADISON MANNINGTON 1 N MANNINGTON 1 W	5224 0 5284 0 5323 0 5341 0 5353 0 5365 0 5563 0 5621 0	2 MONOMGALIA 5 GREENBRIER 5 MONROE 3 JACKSON 2 GILMER 3 LOGAN 3 KANAWHA 3 BOONE 2 MARION 2 MARION		2 39 43 7 37 46 7 37 27 8 36 54 5 38 51 3 37 51 4 38 03 5 39 33 3 9 32	79 51 80 28 80 40 81 32 80 56 82 00 81 22 81 49 80 21 80 22	6	35 50 35 50 35 80 37 80 37 80 37 80	5 8A 7 A 8 A		C H	WEST PENN ROWER CO. RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UIT HORE NATURAL GAS CO. COY E. MARSMALL CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST													
MARLINTON MARTINSBURG FAA AP MARTINSBURG 2 W MATHAS MATOAKA MC MECHEN DAM 13 MC ROSS MIDDLEBOURNE 2 ESE MODREFIELD 2 SSE MOOREFIELD MCMEILL	5707 0 5712 0 5739 0 5747 0 5847 0 5871 0	POCAHOMTAS BERKELEY BERKELEY HAROY MERCER GREENBRIER THER MAROY HAROY		38 13 39 24 39 28 38 52 37 25 39 59 4 37 59 8 39 29 9 39 02 9 39 09	80 05 77 59 78 00 78 52 81 15 80 44 80 45 80 52 78 58 78 54	5 16 25 6 24 7 8	6 H1	7A 7A 7A 4P		C H C H	CECIL A. CURRY FED. AVIATION AGENCY FOBERT L. CRISWELL VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS RUSSELL O. AMICK JOHN W. CRUMRINE MRS. ZELLA M. VETTER MRS. JOHN W. SAVILLE													
MORGANTOWN FAR AIRPORT MORGANTOWN L AND O MOUNDSVILLE MY STORM NAOWA NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OMPS PARRERSBURG FAR AP	6212 0 6248 0 6293 0 6362 0 6442 0 6467 0 6591 0	2 MONONGALIA MONONGALIA II MARSMALL GRANT GRANT HANCOCK 1 METZEL FAYETTE MOPGAN 1 WOOD		5 39 38 5 39 37 8 39 54 9 39 17 4 37 52 8 40 30 8 39 39 7 37 58 9 39 30 3 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	8; 6. 28; 12 7; 6	10 50 6 37 6	7A 5P 8A 6P 6P 7A 7A		H EG HH H	FEO. AVIATION AGENCY CORPS OF ENGINEERS MOUNDSVILLE SEWAGE TR MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM B. MURRAY DR. Z. W. ANEROM HILES M. MAPTIN MRS. E. M. MOVERMALE U. S. WEATHER BUREAU													
PARKERSBURG WB CITY PARSONS I SE PETERSBURG PHILIPPI PICKENS I PIEDMONT PINCVILLE POINT PLEASANT 5 MNE PRINCETON RAVENSWOOD DAM 22	6867 6954 6982 6991 7004 7029 7112	1 WOOD 14 TUCKER 6 GANT 12 BARBOUR 14 RANDOLPH 16 MINERAL 15 WYOMING 13 MASON 15 MERCER 13 JACKSON	10	8 39 16 2 39 06 2 39 00 0 39 09 0 38 40 9 39 29 3 37 35 8 38 55 7 37 22 8 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	6 16 10 12: 26: 10 12 6 24	13 6 31 9 7 8 8 7 1 5	7 7 7 7 7 8 A 7 A 5 P 7 A		H H	U.S. WEATHER BUREAU FERNOW EXP. FOREST MRS. BESS S. MOML NRS. MAXINE LEACH NRS. MELL 8. ARMSTRONG C. A. SUTER. JR. JAMES G. NC OERNITT UNIVERSITY OF W. VA. W. VA. WATER SYC. CO. COPPS OF ENGINEERS.													
REMICK 2 S RICHWOOD RIPLEY ROWLESBURG 1 ST MARYS SMITHBURG SMITHVILLE SPENCER SPRUCE XNOB	7503 0 7552 0 7730 0 7785 0 7875 0 8274 0	GREENBRIER NICHOLAS JACKSON HAMPSHIRE PRESTON PLEASANTS OODORIDGE RITCHIE NORTH		7 37 56 38 13 8 38 49 39 23 2 39 21 8 39 23 8 39 17 5 39 04 5 38 48 9 36 41	80 21 80 31 81 43 78 44 79 40 81 12 80 44 81 05 81 21 79 31	13 6 7 8	00 61 10 51 40 51 75 71 30 95	9 SP 7 A 7 A 5 P		н	NRS. MARY V. MC FERRIN OAYTON C WEBB CITY OF RIPLEY NISS FRANCES VANCE NRS. MAUDE C. BOLYARO JOHN H. INGRAM MOPE NATURAL GAS CO. HOPE NATURAL GAS CO. W. VA. WATER SVC. CO. MARRY J. GOROON													
STONY RIVER DAM SUPPERSYILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BEAD VALLEY MEAD	8536 6 8608 6 8662 6 8782 6 8807 6 8924 6 8986 6 9011 6	4 GRANT 4 NICHOLAS 2 BRAXTON 4 PRESTON 4 TUCKER 3 MASON 2 TAYLOR 4 RANDOLPH 4 RANDOLPH	1	9 39 08 4 36 17 4 38 39 27 2 39 09 4 38 41 0 39 19 7 37 36 0 38 46 0 38 33	79 18 80 50 80 A1 79 33 79 30 81 50 80 02 80 32 79 56 80 02	34 19 8 25 30 6 12 19 20 24	30 35 87 10 30 00 75 7	8 A 7 A 7 A 7 A 7 A 7 A	71	מ מממ מ	FRED C. BECKER CMARLES F. GUM COPPS OF ENGINEERS CMARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SWECKER	-												
VANDALIA WARDENSVILLE R M FARM WASMINGTON DAM 19 WAYNE 2 WESSTER SPRINGS 1 E WEIRTON WELLSBURG 3 NE WESTON WEST UNION WHEELING WARWOOD DM 12	9281 0 9309 0 9323 0 9333 0 9345 0 9468 0 9450 0	2 LEWIS HARDY 1 WOOD 3 WAYNE 4 WEBSTER 1 HANCOCK 12 BROOKE 2 LEWIS 2 OOORIOGE 10 OHIO		6 38 56 9 39 06 8 39 15 7 38 13 6 38 29 8 40 2A 8 40 18 6 39 02 5 39 18 8 40 06	80 24 78 35 81 42 82 26 80 25 80 36 80 35 80 47 80 42	15: 10: 6: 10: 10:	50 8 00 8 50 6 50 6 50 6	7 A B A 7 A	9,1	ic M	CLARKSBURG WATER BOARD UNIVERSITY EXP. STA. CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS OORIS J. PFISTER J. ARTHUR HENRY. JR. EARNEST F. SMITM CORPS OF ENGIMEERS													

DRINGGE CODE: 1-BIG SANDY 2-CHEAT 3-GUYANDOT 4-KANAWHA 5-LITTLE KANAWHA 6-MONONGAHELA 7-NEW 8-OHIO 8-POTOMAC 10-TYGART 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the State Climatologist, Agricultural Engineering Railding. West Virginia University, Morgantown, West Virginia 20506, pr to any Westier Bureau Office near van,

DIMINSIONAL LNITS. Unless otherwise indicated, discensional units used in this hufletin are. Temperature in "F, precipitation and evaporation in tiches and wind movement in inities. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65°1. In "Supplemental Data" table directions entered in figures are tens of degrees.

OBSERVATION TIME — The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Itureau and I AA stations. For these stations apow on ground values are at 7.00 a.m., K.S.T. Data in the "Extremes" table, "Dully Precipita tion" table, "Dully Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowlaff and Snow on Ground" table, when published, are for the 24 hours anding at time of observation.

EVAPORATION is measured in the standard Weather flureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table, Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as regarded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sheet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpark may result in apparent inconsistencies in the record,

SNOWFALL. Entries of anowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include anow and sleet. Entries of anow on ground include anow, and sleet.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such ss 12 SSW, indicate distance in miles and direction from the post office,

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin,

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Dats" table, "Datily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
  - No record in the "Climstological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data,
- \* Amount included in following measurement, time distribution unknown,
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall,
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table, Omission of data in any month indicates no snowfall and/or snow on ground in that month,
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset,
- VAR This entry in time of observation column in Station Index means variable,
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

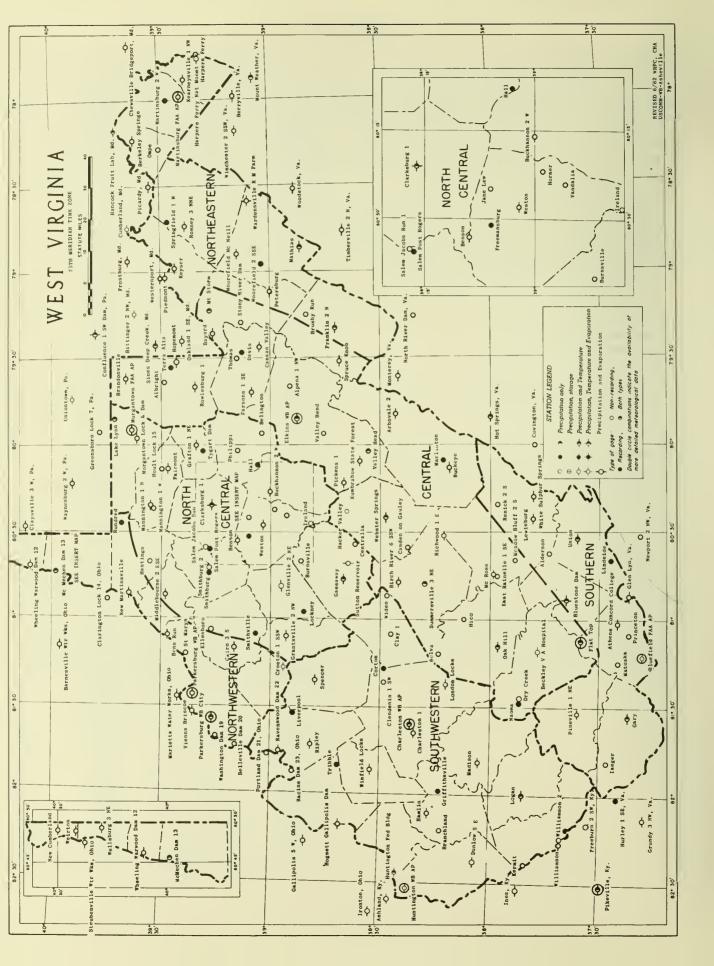
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents, Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C.-11/13/64-750



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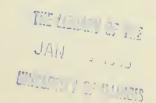
# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

OCTOBER 1964
Volume 72 No. 10





### WEST VIRGINIA - OCTOBER 1964

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 17th at Mannington 1 N

Lowest Temperature: 14° on the 7th at Hopemont

Greatest Total Precipitation: 3.99 inches at Kopperston

Least Total Precipitation: 0.11 inch at Creston 1 SSW

Greatest One-Day Precipitation: 1.78 inches on the 17th at

Wardensville RM Farm

Greatest Reported Total Snowfall: Trace at 9 stations

Greatest Reported Depth of Snow on Ground: Trace on the 10th at

Hopemont

### SPECIAL WEATHER SUMMARY

Monthly average temperatures were 3° to 5° F. below normal throughout the State. This resulted from repeated outbreaks of dry, cold air from the west. Many of the stations had record lows on the following days: 6th, 7th, 10th, 11th, 24th, and 25th. Minimum readings on the 11th at Charleston, Elkins, and Parkersburg were the lowest ever recorded so early in the fall season.

In spite of the cold, this October will be pleasantly remembered in most areas as a month of many mild, sunny days with afternoon temperatures above 70° F. Parkersburg had above average amounts of sunshine: 61 percent of possible against a long-term average of 53 percent. This sunniness was representative of the dry Ohio River basin, as most western parts of the State had less than 1/2 inch of rain during the entire month. In contrast, higher elevations

in the southern part of the State had totals over 3 inches. A large percentage of this total fell the first five days of the month and was a continuation of rainfall resulting from effects of hurricane HILDA. Beckley was described as having a cool, wet month. Mountainous areas in the northern half of the State had rainfall totals above 2 inches, most of which fell near the 17th as a result of hurricane ISBELL (which had turned into an Atlantic coastal storm). The third rainfall period occurred near the end of the month as a result of a cold front from the west. The northern panhandle benefitted most with totals over 1 inch.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

Station   Stat	.6 35.5 .7 35.7 .7 30.9 .4 36.3 .7 37.5 .4 38.5 .4 38.6 .7 39.4 .5 38.6 .0 31.7	50.6 51.7 49.3 52.6 52.5 51.5 52.6 53.1 49.4	1 1 1 1 1 Departure From Normal	81	18+ 3 16+	19	24.	Degree Days	Ma	Melow or	Min.	Total		From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	So or More	1.00 or More
NORTHWESTERN	.6 35,5 .7 35,7 .7 30,9 .4 36,3 .7 37,5 .4 38,5 .4 38,5 .7 39,4 .5 38,6	50.6 51.7 49.3 52.4 52.6 52.5 51.5 52.6 53.1 49.4	= 6.3 = 4.5 = 6.4 = 2.9 = 4.2	79 79 81 80 83	17 • 18 • 3	19 21 19	24 24 .	98.55eQ	Merca Aberra	Melow or		Total		From Norm		Date	Total	40	Date	8	B	8
NORTHWESTERN   O1	.7 35.7 .7 30.9 .4 36.3 .7 37.5 .4 38.5 .4 38.6 .7 39.4 .5 38.6	51.7 49.3 52.4 52.6 52.5 51.5 52.6 53.1 49.4	= 4.5 = 6.4 = 2.9 = 4.2	79 81 80 83	18+ 3 16+	21 19	24.		0													
CAIRO 3 S CRESTON 1 SSW 67 MOUNOSVILLE NEW CUMBERLAND 67 NEW MARTINSVILLE PARKERSBURG FAA AP 65 WHEIRTON 67 WELLSBURG 3 NE 67 WHELLING WARWOOO OM 12 65 OIVISION 67 NOATH CENTRAL 02 BELINGTON 63 BUCKHANNON 2 W 64 CLAKASBURG 1 64 FAIRMONT 63 GASSAWAY 66 MANNINGTON 1 N 63 MANNINGTON 1 N 66 MIOULEBOURNE 2 ESE 67 MORGANTOWN FAA AIRPORT 62 MORGANTOWN FAA AIRPORT 65 MEST UNION 66 OIVISION 66	.7 35.7 .7 30.9 .4 36.3 .7 37.5 .4 38.5 .4 38.6 .7 39.4 .5 38.6	51.7 49.3 52.4 52.6 52.5 51.5 52.6 53.1 49.4	= 4.5 = 6.4 = 2.9 = 4.2	79 81 80 83	18+ 3 16+	21 19	24.		0	- 1												
PARKERSBURG FAA AP PARKERSBURG WB CITY R  WELLSBURG 3 NE  OIVISION  NORTH CENTRAL  BELINGTON BELSBURG 1  NORTH CENTRAL  OZ  BELINGTON BUCKHANNON 2 W CLARKSBURG 1  FAIRMONT  GASSAWAY GLENVILE GRANTSVILLE 2 NW MANNINGTON 1 N  MORGANTOWN FAA AIRPORT MORGANTOWN L ANO O  WEST UNION  OIVISION  * * *	.4 38.6 .7 39.4 .5 38.6 .0 31.7	51.5 52.6 53.1 49.4		80		25	12+ 24 24	405 479 384 375	0 0 0	0 1 0 1	4 0 7 0 2 0 8 0	.57 .11	-	.91 2.00 2.46	.62 .21 .11 .61	19	.0 .0 .0	0 0 0		5 3 1 3 4	0 0 1	0 0 0 0 1
OIVISION  * * * * OZ  BELINGTON 63  BENSON  BUCKHANNON 2 W 64  CLARKSBURG 1 64  FAIRMONT 63  GASSAWAY  GLENVILLE  GRANTSVILLE 2 NW 68  MANNINGTON 1 N 66  MORGANTOWN FAA AIRPORT 62  MORGANTOWN L ANO 0 65  WESTO WHEST UNION 66  OIVISION 66	.5 36.8	51.2	• 4.3	78 79 83 82	18+ 17	24 26 22	25 ÷ 24 24 24 24 ÷	380 412 381 362 476	0 0 0 0	0 1	2 0 0 0 7 0 9 0 6 0	.48 .48 1.33	-	1.43	.35 .14 .23 .82	2 17 2 29 29	.0 .0 .0	0 0 0		4 2 1 3 5	0 0 1 2	0 0 0
NORTH CENTRAL 02  BELINGTON 63  BENSON 64  BUCKHANNON 2 W 64  CLARKSBURG 1 64  FAIRMONT 63  GASSAWAY 66  GLENVILLE 2 NW 68  MANNINSTON 1 N 66  MIOOLEBOURNE 2 ESE 67  MORGANTOWN FAA AIRPORT 62  MORGANTOWN L ANO 0 65  WEST UNION 66  OIVISION 66			- 4.1	81	17	27	25.	421	0	0 1	0 0	1.81	-	.52	1.08	29	.0	0		3	1	1
NORTH CENTRAL   02		51.5	- 4.4									1.13	•	1.33			.0					
RENSON BUCKHANNON 2 W 64 CLARKSBURG 1 64 FAIRMONT 63  GASSAWAY GLENVILLE GRANTSVILLE 2 NW MANNINGTON 1 N 66 MORGANTOWN FAA AIRPORT MORGANTOWN L AND 0 65 WESTO WHEST UNION 66  OIVISION																						
CLARKSBURG 1 FAIRMONT 63 GASSAWAY GLENVILLE GRANTSVILLE 2 NW MANNINGTON 1 N 66 MIOOLEBOURNE 2 ESE 67 MORGANTOWN FAA AIRPORT MORGANTOWN L AND 0 WESTO UNION 66 WISTON 66 WEST UNION 66		47.7		81	3		25+	528	0	0 1					.14		T	0		2	0	0
GLEAVILLE     68   68   68   68   68   68   68	.1 33.9	49.0 49.0 50.6	= 5.2 = 4.8 = 5.1	81 79 80	2 2	21	11 24+ 24+	492 490 443	0 0	0 1	5 0	.57	-	2.85 2.01 1.77	.19 .25		.0 .0	0		3	0 0 0	0 0 0
GRANTSVILLE 2 NW MANNINGTON 1 N 66 MIOOLEBOURNE 2 ESE 67  MORGANTOWN FAA AIRPORT 62 MORGANTOWN L AND 0 65 WESTON 66 WEST UNION 66  OIVISION	.1 38.4 M 34.2	52.3 M		80 82	2	27 21	25+	392	0	0 1	2 0			2 48	•36 •15	17	.0	0		3	0	0
MORGANTOWN L AND 0 65 WESTON 66 OIVISION	.0 36.3 .8 31.7	52.2 49.3 51.6	• 4.6	81 85 81	3 17 2	21	24 11 24+	393 482 411	0000	0 1	2 0	1.38 1.92	•	1.43	•15 •42 •85	19 29 2	.0	0		1 4 5	0 0 2	0000
* * *	.8 37.3 .4 34.5	49.9 51.6 50.5 50.8	= 6.2	84	16+ 16+ 3 16+	22		463 412 444 436	0 0 0			1.01	-	1.70	.22 .36 .23 .24	17	.0 .0	0 0 0		5 4 3 4	0 0 0	0 0 0
		50.4	- 5.2									.78	-	2.05			Т					
3001111120121111																						
CHARLESTON WB AP R 67 CHARLESTON 1 69 CORTON 68 OUNLOW 5 E 68 MAMMIN 67	.8 40.5 .1 36.5 .0 39.7	53.2 55.2 52.3 53.9 51.1	= 4.1	82 84 82 80 81	2		11 25+ 24	364 307 389 343 424	00000	0 1	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.47	-	1.78	.27 .17 .08 .19	29 3 2 4 30	.0 .0	0 0 0 0		2 0 2 2	00000	0 0 0
HOGSETT GALLIPOLIS OAM MUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LOGAN LONDON LOCKS 64	.2 42.6 .7 38.6 .3 38.5	51.9 55.4 52.2 52.9 52.8	= 3.3 = 5.1	82 84 80 81 80	2 1 1 3+ 3	24	11 11 24 13+	398 306 396 372 369	0 0 0 0	0 0	1 0 2 0 9 0 8 0 3 0	.46 .80	-	1.58 1.05 .96	.26 .65 1.75	30 2 4 5	.0	0 0 0 0		1 2 7 4	0 1 2 0	0 0 1 0
MAOISON 66 POINT PLEASANT 5 NNE 67 RAVENSWOOD OAM 22 70 RIPLEY 69 SPENCER 67	.6 35.6 .4 37.3 .8 34.5	52,4 51.6 53.9 52.2 51.5	= 3.5	81 80 84 82 79	3	19	24 11 24• 24• 24•	390 408 347 393 418	0 0 0 0	0 1 0 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.28	-	1.67	.48 .09 .28 .20	1	.0	0 0 0 0		5 0 1 1	0 0 0 0	0 0 0 0
WAYNE 2 WILLIAMSON 68		54.7	- 4.3	83	3	31	26+	324	0		7 0			1,12	1.16	4	.0	0		6	3 0	1
WINFIELO LOCKS 66	.9 38.4	52.7	- 5.1 - 4.7	80	3	27	11	372	0	0	9 0	.91	1	1.67	. 29	3	.0	0		2	0	0
* * * CENTRAL 04					}																	
ARROVALE 2 62 BAYARO 58 BECKLEY V A HOSPITAL 61 BECKLEY WB AP 60 BIRCH RIVER 6 55W	.8 30.5 .1 34.5	45.9 44.7 47.8 48.4	= 4,2 = 5,7	71 76 76 75		18	24+ 24+ 11 11	581 622 526 509	0000	0 2 0 1 0 1	9 0	1.82	-	1.04 1.48 .12	.80 .64 .90	3 17 17 4	.0 .0 .0	0 0 0		3 5 6 5	1 1 1 3	0 0 0 1
BRANOONVILLE 60 BUCKEYE 65 CANAAN VALLEY 57 ELKINS WB AIRPORT 61 FLAT TOP 56	.4 32.0 .1 31.5 .6 32.4	46.4 48.7 44.3 47.0 45.6	= 5.1 = 5.7	78 79 74 80 70	3 16 2 2 3			573 500 639 553 594	0 0 0 0	0 1 0 1 0 1 0 1	8 0	1.34 2.41		2.09	.38 .32 1.51 .41	3 17 29	.0 .0 .0	0 0 0		4 5 4 2 6	0 0 2 0 2	0 0 1 0 0
HOPEMONT 58 MC ROSS 63	.1 31.3 .7 31.8 .5M 35.0M .2 34.3	44.7 47.8		74 74 81 79 75	27 3 4 3 2	14 16 20	7 24 12+ 24	524 528 479 530 569	0 0 0 0	0 2 0 1	9 0	3.26 3.43 1.23			.42 1.55 1.18 .56	30 2 4 29 5	T T • 0	0 0 0	10	2 6 5 4 8	0 2 3 1 0	0 1 1 0 0
RICHWOOO 62 ROWLESBURG 1 64 SPRICE KNOB 58 WEBSTER SPRINGS 1 E 67	.4 34.2 .6 35.8 .6 37.2	48.3 50.2 47.9		76 81 73	2 2 3	18	24. 25.	512 451	0	0 1	5 0	1,23			.58	4 3	.0	0		4 6	1	000
OIVISION	.6 36.5	52,1		83	2	18	21	522 402	0	0 1	2 0	1.57			.92	17	.0	0		4	1	ő

Continued

				Ter	npera	ture										Preci	pitation					
										N	o. of I	Days					Snov	w, Sleet		N	o. of Da	ys
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Dogree Days	Ma Above	_	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
SOLTHERN 05  ATHENS CONCORO COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE OAM GARY //R KOPPERSTON //R LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS OIVISION A A A NORTHEASTERN 06	63.2 59.1 63.7 64.5 62.2 63.9 64.2 63.2 66.2	35.6 39.9 38.0 35.6 37.9 35.6 35.6 35.6 34.0	49.4 49.5 50.9 50.1 50.1 49.8 49.9 48.4 50.1	- 5.8 - 5.4 - 4.1 - 5.5	74 76 77 82 78 76 82 78 77	2 2 3 3 1 2 3 3 18+	28 27 23 24 20 24	11 24 26+ 24+	474 474 433 461 459 465 464 506 453	0 0 0	00000 0000	8 11 17 12 15 17	3.12 2.46 2.63 3.99 1.11 3.02 2.11	.34 .03 84	.46 1.37 1.15 1.12 1.75 .45 .76	16 3 17 1 4 17 3	.0 T .0 .0 .0 .0	0 0 0 0 0 0 0 0 0		65576 6665	2 1 1 3 0 3 1	0 1 1 1 2 0 0 1 0
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIAS MOOREFIELO MCNEILL	64.1 63.9 68.5 63.5 67.8M 64.2 62.4	36.4 33.9 40.3 37.7 40.5M 37.5 34.3	50.3 48.9 54.4 50.6 54.2M	= 5 <sub>0</sub> 3	75 80 76 80 76 76	18 19 27 26+ 18+	28 24 29 24 21	11 24 24+ 7+ 12 24	450 491 320 440 336 429 509	0000000	ō	15 6 11 10 13	1.49	- 2.01 - 2.03	1.57 .82 .57 .49 1.36	17 2 17 17 17	.0 .0 .0 .0	000000000000000000000000000000000000000		3 4 4 3 2 4 5	1 0 1 0	1 0 0 0 1 0 1
OMPS PETERSBURG PIEDMONT ROMMEY 3 NNE WARDENSVILLE R M FARM OIVISION	62.4 65.7 63.1 66.6 63.8M	36.1 37.1 38.5 35.2 35.8M	49.3 51.4 50.8 50.9 49.8M 50.8	- 4.9 - 4.0 - 4.0	77 77 77	29+ 27+ 28 18 19+	23 24 21	20 24+ 21 24+ 24+	483 414 434 430 464	0		13 13 15	1.13 0 1.13 0 1.88 0 2.94	- 1.15 - 1.81	.93 .85 .74 .79 1.78	17 17 17	.0 .0 .0 .0	0 0 0		3 5 5 5	1 2	0 0 0 1

	-													Day	of Mo	wth														or to	MOEN E	744
Station	Total	1	2 ,	3	4	5	6	7	8	9	10	11	12		14		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHHESTERN 01  BELLEVILLE 0AM 20 BEN5 RUN 1 55E CAIRO 3 5 CRESTON 1 55W ELLENBORO	.44 1.48 .57 .11		T +62 T	.15	T					T .02								+06 +26 +21 +18	.02	*04 *07 *20 *11 *12	T									.17 .18 .16 .16	.02 .19	
MC MECMEN OAM 13 MOUNOSVILLE NEW CUMBERLANO NEW MARTINSVILLE PARKERSBURG FAA AP	.95 1.26 1.90 1.14		.05 .61 .20 .35	.32 .11 .37		.03 .03 .05	Ť		т	T T .06							.02	.05 .22	.05	.04 .08 .12 .07	.04	Т						Ť	T	.34 .38 1.18 .25 .11	.16	
PARKERSBURG WE CITY R 3T MARYS WASHINGTON CAM 19 WEIRTON WELLSBURG 3 NE WHEELING WARNOOC OM 12	.48 .41 1.33 1.69	-	.23 .06	.10 .30 .55	•	- .05 .12	.07	-	<u> </u>	T T T .01	.01	•	-	-	•	-	.03	.08	.03	.01 .06 .10 .14	- T	-	•	•	•	•	•	•	- T T	.09 .04 .82 .94	.13	•
NORTH CENTRAL 02																																
BELINGTON BENSON BUCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	.48 .36 .39	.04	Ť	.04		.21	T	-	-	Ŧ	Ţ	<u>T</u>	•	-	•	•	Ī	.15 .15 .13	.08 .08	.07 - .19 .12	.05 T	T -		-		-	-	-	-	T T • 20	.02	•
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRANTSVILLE Z NW	.57 .92 .17 .26		.05	.03	•09					Ť	,06						*20 T	.10 .17 .36 .08		.07 .18 .11 .15 .15										.25	T T	
HASTINGS HORNER HOULT LOCK 15 IRELAND JANE LEW LAKE LYNN	1.67 .47 .TT .75 .52	.01 T	.06	.12			•09			.01	.02						. 24	.29 .31 .24 .36	.04	.15 T .16 .20 .16	.01								.01	.61 T .12 T	.07	
MANNINGTON 1 N MANNINGTON 1 W MANNINGTON 1 W MIOOLEBOURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND 0	1.38 1.12 1.92 .86		.32 .03 .65	.22		. 05	•01			T • 0 2 T		Ť					.15	.32 .27 .25 .19	.02	.30 .15 .12 .18	.02	Ť							*01 T	.42 .22 .52 .22	.10	
PMILIPPI SUTTON RESERVOIR VANOALIA WESTON WEST UNION	1.12	,05 ,03	T T .12	.07 .21 .02		. 15 T	Ŧ				T	Ť						.22 .27 .24 .23	.15	.17 .13 .16 .11	.03	T	т							.41	.02	
SOUTHWESTERN 03																																
BRANCHLANO CHARLESTON WB AP R CHARLESTON 1 CLAY 1 CLENGENIN 1 5W	. T8 .59 .47 .66		.16	.64 .17 .15		.17	* 02			т							.09	T •09 •14 •10	T +12	.12 .03 .05 .08	.09									.02	.02	
CORTON DUNLOW 5 E HAMLIN HOGSETT GALLIPOLIS DAM HUNTINGTON FED BLOG	.24 .53 .44 .46		.08	.01	•06					-	-	-	-	•			.09	T •10	-	.06 .12 .09 .09			-	-	-		-		-	.01 .03	.02 .05 .25 .26	
HUNTINGTON WB AIRPORT KERMIT LOGAN LONDON LOCKS MADISON	.80 2.11 3.33 1.47 1.23	.02 .08 T	.65 .17 .18 .08	.22 .07 .08 .14	.94 1.75 .22 .48	.64											1 1 16 .04	.14 .25 .23 .12	.02 T	*11 *10 *06 *06	.02 T .05									.13 .02	.07 .16 .05	T
POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER WAYNE 2	.26 .41 .27 .22	.28	.09	.03 T T	+02		-	-	-	T _	τ -	-		-		-	-	.01 .07	-	.09	.02	T -		-					T -	.07 T	.03 .04 .12	
WIOEN WILLIAMSON Z WINFIELO LOCKS	1,69	.01	.06	.58	1.16			-	-	-	•	-	-	-			±11	.23 .08 T	- 12	.15	.05								,03	.03 .03	.01	
CENTRAL 04  ALBRIGHT ALPENA 1 NW ARBOVALE 2  BAYARO BECKLEY V A HOSPITAL	.94 1.56 1.40 1.82 2.T3	.20	.23 T	.09 .05 .80 .03	.05	.10		T				т					т	.55	.08 .15		.0T .15									.43 .22 .08 .37	.10 .20	Т
BECKLEY WB AP BELVA BIRCH RIVER & 55W BRANOONVILLE BUCKEYE	3.39 1.41 1.01 1.34	T - .05	.93 .12 .09 .28	.10	1.18 T	.71 -22	Ť		-	-	.04	-	-			T -	. 95	.02 .30 .36 .28	.04	.13 .10 .09	T -12	-	-	-			-	-	T -	.17 .05	.10	
CAMOEN ON GAULEY CAMAAN VALLEY ORY CREEK EAST RAINELLE 3 NNE ELKINS WB AIRPORT	1.46 2.41 3.07 3.21	.09 .03 .05	.02 .10 .33 1.40	.25 .10 .07	.25 1.16 .48 .07	.35 T .53 .41				т							T .12	.22 1.51 .4T .65	.02	.10	.01 T .04									.21 .60 .02 .05	.05	
FLAT TOP HACKER VALLEY HICO HICO HICO HICO HIC ROSS	2.57 2.03 2.35 .64 3.26	.24 .10 .06	.06 .11 .02 1.55	.71 .02 .23 .01	•29 •12 •83	.43					τ						.01 .20	.87 .33 .58	.02 .10 .04	.12	T • 07									.20 .73 .04 .11	.07	•01
MT STORM OAK HILL PARSONS 1 SE PICKENS 1 RICHWOOO	2.09 3.43 1.23 2.17 1.23	.03 .16	.40	1.0	1 • 1 8 T • 5 8	.47					T	т					.01	1.23 .64 .13 .32 .22	.16	.13	.08 .05 T					.01				.19 .08 .56	.05 .09 .08	.01
ROWLESBURG 1 SPRUCE KNOB STONY RIVER OAM SUMMERSVILLE THOMAS		.09 .20 .08		.05	•10 •90	T T	т					T •01						•16 •92 1•10	.10 .09 .67 .24	.02	.12 .11 .02	.03								.12 T .46	.03	
VALLEY BENO VALLEY MEAO WEBSTER SPRINGS 1 E	2.27 1.95 1.60	.20 .07 .12	.16	.80 .5T	т	.36 .05 .41												.27 .25 .18	.10 .15 .04	T .03 .07	.06 T									.18 .15	.29	.06

# DAILY PRECIPITATION

WEST VIRGINIA

Continued														Day	r of 7	Month															-	-
Station	Total					_	_	-	_		_	_			,	_		,					_				_	,				
	H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SOUTHERN 05																																
ALDERSON ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM	2.19	.29 .02 .02	.46	.31	•37 •88												1.31	•22 •32 •02		.03	т								.14	.05 .38 .27		
GARY //R	2.63	.14	.02	.20	.30	.17											.39	1.12	Ť	₹ •09	T									.07		
1AEGER KOPPERSTON LEW15BURG 2 SSW	3.99	.11		.12	1.11												.50	•76 •20 •15		.15 .10	. 05								T	.11	.04	
MATOAKA PINEVILLE	1.79 3.02	.15	.21		.39 .48	.63												.50	т	.09	*24 T									.19	T	
PRINCETON RENICK 2 S UNION	2.56 1.29 2.17	.22 .12	.20	.48 .32	•23 •09	.14												1.04 •19 •35		.05	T									.29 † .12	T	
HITE SULPHUR SPRINGS	1.41	.24	Ť	.21	• 39	.17												• 36												.04		
NORTHEASTERN 06																																
	1.97			.06													,03	1.57		.23										.02		
RANKLIN 2 NE	1.61	+16	.07	.27		T													. 23		.03									T	.05	
ARPERS FERRY NAT MON		.12		.39	T	T				Т								•18 •46	.09	T •17	.20					j .				.14	.07	
EARNEYSVILLE 1 NW	1.32	.08	e 04	. 25		т													.08	т	.32										.06	
EYSER ARTINSBURG FAA AP	1.57		.30	Ŧ	т												.27	1.36		.21										.21		
OREFIELO MONEILL	2.31	.03	.31	-02	- 02	-			-	-	-	-	-	-	-	-	-20		-12		-	-	-	•0	1 -	١.		-		06		
MPS PETERSBURG	1.97		.05	.05														.93	.49	. 3 T												
TEDMONT TOMNEY 3 NNE	1,13			.02							.01							.74	.20		-10									.02		
AROENSVILLE R M FARM	2.94	.12	.05															.79 1.T8	.60	.04	.16									T	.06 .05	

# SNOWFALL AND SNOW ON GROUND

Ch. V.																Day	of m	onth														
Station		1	2	3	4	s	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
CENTRAL 04																															_	
MC ROSS	SNOWFALL SN ON GND											!									T											
* * * SOUTHERN 05																																
BLUEFIELD FAA AIRPORT	SNOWFALL SN ON GND																				T											
NORTHEASTERN 06																																
MATHIAS	SNOWFALL SN ON GND																							T								

# SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave	erages -		Num	ber of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	1,00 AM EST	7:00 AM EST	1,00 PM EST	7:00 PM EST	Trace	9010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	14	6	6.4	25++	24	21	В0	В7	52	66	3	2	2	2	1	0	10	-	5.0
CHARLESTON WB AIRPORT	22	6	4.B	22++	22	21	77	B4	40	51	3	3	2	0	0	0	В	-	5.0
ELKINS WB AIRPORT	30	5	4.7	25++	23	21+	92	96	50	70	1	5	2	0	0	0	В	-	5.9
HUNTINGTON WB AIRPORT	13	4	4.7	21++	23	21	во	90	50	55	2	1	1	1	0	0	5	-	4.7
PARKERSBURG WB CITY	-	-	5.B	28	SW	21+	-	-	-	-	2	5	1	0	0	0	В	61	-

# DAILY TEMPERATURES

		_	-			-	-			DI	ILL	-	11	WATE		1141	10	ILL	10								_	_		-	OC TO	HER	
Station		I	2	3	4	5	8	7	8	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	Average
			1	1	-	1				1			1		L																		~
NORTHWESTERN 01																																	
BEN3 RUN 1 35E	MAX	70	79	77	72	64	38	39	64	68	34	51	36	68	70	73	72	79	77	77		30	67	33	32	36	66	74	74	73	63	60	63.6
CAIRO 3 3	MAX MIN	78 43	78 34	73 43	66	38	60	51 63 28	70 29	60 46	40 52 39	60 21	71 28	74 32	37 79 37	72	79	31 78 52	79 37	62	27 31 26	71 23	63	31 34 29	19 38 21	68 24	30 77 29	73 33	73	48 63 53	61	30 68 28	35.3
CRE370N 1 53W	MAX MIN	70	73 45	81 41	76 41	68	60	61 26	63	70 27	63	32 19	60	71 23	73 23	76 34	69	79 43	78 34	80		52 23	27 70 26	39	48	38	68	79 26	73 33	76 37	71	62	33.7 67.7 30.9
MOUNOSVILLE	MAX MIN	80	77	73 43	72	63	60	64	67	66	34	37	68	72	72 35	73 34	80	79 30	79	77 46	56 27	67	66	34 32	37	69	73	73	74	67	62	64 27	68,4
NEW CUMBERLAND	MAX	79	76 32	74 43	70	61	39	64	66	66	48	37	67	72	72 37	78 38	83	82	81	72	33	63	63	52 34	37	71	73 33	73 39	74	68	38	62	67.7
NEW MARTINSVILLE	MAX	79	73 33	72 46	64	39	60	64	68	38	31	37	69	72	74 40	72	80	77	78 39	64	31	66 27	37	34 34	3?	67	73 32	74 39	74 43	62	60	67	66.4
PARKERSBURG FAA AP	MAX	77	73 38	70	62	36 33	36	62	63	36	49	33	67	70	71 42	69	76 31	78 32	76 41	34	48 27	68	33	32	53	63	74 33	72	73	62	37	66	64.4
PARKERSBURG WB C17Y	MAX	79	77	73	62	37	39	63	66	38	30	36 27	68	72	73	70 42	78 32	79 31	79 41	36 38	30	67	36 34	31 33	36 26	67	74 33	74	74	63	39	66	63.7
WEIR70N	MAX	78	77	73 43	67	37	60	64	63	39	47	58	67	73	73 38	76 36	82	83	80 42	71 43	33	63	64	33	33	71 26	73	77	73	63	60	64	67.3 38.6
WELLSBURG 3 NE	MAX	79	76 46	73 36	68	63	37	63	66 23	64	49	57 21	66	72	72 29	76 29	82	81	79 33	71 43	33	63	64	32	33	68	73	73 33	73 42	66	37 32	61 26	67.0
WHEELING WARWOOD OM 12		70	79 46	77 43	71 43	64	37	37	64	65	34	46	37	67	71 40	72 39	74 41	81	80	80	36	50 30	63	33	32	36 27	68	76 38	74 41	73 30	62 38	39	63.3
																									-								
NORTH CENTRAL 02																																	
BELING7ON	MAX MIN	63	76 33	81	72	64	34 26	33	61	66	34	47 19	37			71 34	70 35	74 47	60	73 39		48		33 24	49 19	33 19	66 22	77	74 32	73 37	66 46	38 26	63.7
BENSON	MAX																																
BUCKHANNON 2 W	MAX	76	81 31	72 41	64	36 40	36 24	61	66	37 41	46 38	36 17	68	70 27	72 35	71 34	75 47	66 51	73 35	56 43	49	64	62 26	30 24	54 18	64	74 28	72 32	72	63	60 43	68 26	64.3
CLARKSBURG 1	MAX	76 30	79	73 43	67	36 33	37	61	68	34	49	53	69	69	70 36	73 35	74	71 45	73 43	36 32	49	67	32	30	33	64	72	71	71 36	65	36 34	64	64.1
FAIRMON7	MAX	74 48	60 33	69	67	53	33	61	67	33	47	34	67	69	68	71 41	73	66	73 45	33	49	64	31	46	33	63	73 36	72	72	64	36 40	64	63,1
GA33AWAY	MAX MIN	73	80	71 50	63	36	36 32	60	66 32	62	32 36	36 27	68	69	72 40	70	76	69	73	60	48 31	69	70	32	37	63	76 32	73 36	73	70 31	63 30	69	66.1
GLENVILLE	MAX MIN	67	78 32	82	82	70 41	37 32	38	62	67 33	36 36	31	33 25	69	71 26	72 36	30	45	43	46	29	26	28	28	21	23	23	29	33	40	48	30	34.2
GRANTSVILLE 2 NW	MAX MIN	70 48	80 33	81	76 43	68	39 30	63	68	70 41	33 53	30 22	60 25	80	72 35	70 36	75 36	78 32	76 38	79	33 28	60	60	67 29	52 21	37	68	78 33	73	73 47	66 47	61	66.0
MANNINGTON 1 N	MAX MIN	79	79 46	72 44	71	39 34	37 23	64	67 24	64 39	30 37	33 17	69	71 21	72 32	72 30	80	83 30	77 41	67	33 24	66 21	60 25	32 23	36 18	66	73 26	73 32	73 34	63	38 42	63	66.8
MICOLEBOURNE 2 E3E	MAX MIN	77	81 33	73 43	63	38 40	60 29	64	64 30	34 46	37 29	34 21	70 24	72 33	73 35	73 34	80	77 52	76 38	62	30 23	68	64	68	64 21	67	76 30	73 36	73	73 32	3 9 4 2	67 29	67.7
MORGANTOWN FAA AIRPORT	MAX MIN	73 30	79 34	69 43	67	33 34	53 29	38	66 38	34 41	43	54 23	66 26	69 37	69 36	72 36	79 46	72 51	74 42	32 33	46 28	64	32 33	49 32	33 24	62 30	73 38	71 42	71	62 32	33 35	63 30	62.9
MORGANTOWN L AND O	MAX MIN	77	80 32	71 47	69	38 40	37 29	61	6 8 3 2	37 42	50 39	33 26	68	72 33	70 38	74 38	80	73 32	76 44	63	39 29	63 22	64	31 33	36 27	61	74 34	73 38	73 39	64 31	38 43	64 30	63.8
WE370N	MAX MIN	68	72 32	8 4 4 3	73 43	70 42	38 29	37	63 29	70 30	36	30 22	33 23	70 27	72 33	74 38	72 37	77 49	70 42	78 42	32 29	30 27	67	67 30	32	38	68 23	74 30	73 35	77 40	6 6 4 3	38 30	66,4
WEST UNION	MAX MIN	78 44	80 33	73 43	68	36 39	38 27	62	67	33 42	30 40	38	69	71 33	72 36	72 35	80 46	77 33	76 39	60	30 26	66	63	34 27	36 21	62 20	76 30	74 36	73 41	67 47	60 43	67 28	66,1
30U7HWES7ERN 03																																	
CHARLESTON WB AP	MAX MIN	76 33	82 60	74 49	66	36 37	38 33	63	68 34	37 44	31 32	59 25	70 30	72 38	75 41	6 8 4 3	76 31	77 30	80 44	33 41		71 30		34 32	3 9 2 8	67 28	77 34	75 42	76 43	73 36	38 38	70 33	67.0 39.3
CHARLESTON 1	MAX MIN	66	80 60	84 30	78 32	67 47	64 36	62	69 34	71 47	38 59	37 27	36 30	73 33	76 41	77 43	66 48	77 34	77 43	84	36 34	60 31	73 34		33	63 28	71 32	80	79	80 47	76 30	63 33	69.8
COR70N	MAX MIN	77 48	8 2 3 4	73 47	66	60	39 31	64 29	69 30	33 42	32 53	60 24	72 26	72 32	76 38	68	73 43	77 32	80 38	63	33	70 23	68 28	37 26	37 24	68 24	76 30	80 33	76 38	71 30	64 47	71 33	68.1
OUNLOW 3 E	MAX MIN	80 51	80 39	76 47	69	39 41	33 30	64 39	67 37	63 46	30 28	39 26	71 31	73 36	75 40	70 45	66	76 32	80 44	70 43	33 26	72 32	67 36	33 29	39 23	68	76 33	74 48	74	71 48	64	69 30	68.0
HAMLIN	MAX MIN	69 50	81 31	61 47	73 48	66 43	38 28	3 9 2 6	63 28	69 43	37 51	32 21	38	71 30	73 36	73 36	63	77 69	77 36	81	37 26	33 28	71 28	60	33	60	68 28	73 32	73 33	73 41	72 48	60 31	67.3
HOGSETT GALLIPOLIS CAM	MAX MIN	70 52	82 49	79 47	73 47	66 48	38 33	60	63 33	68 34	53 36	31	39 26	71 30	74 36	73 42	68	73 31	80 39	79	36 27	32 28	70 31	3 8 3 0	34 27	39	68	76 29	79	73 44	68	39	67.2
HUNTINGTON FEO BLOG	MAX MIN	84	80 64	78 31	66 31	38 42	39 36	66	67 57	60	32 37	60 30	71 33	74 41	78 46	68	74	82 34	81 47	38	33 33	71 41	62 38	36	39 32	71 33	76 37	73 46	73 49	69 33	61	70 36	68.2
HUNTINGTON WB AIRPORT	MAX MIN	80	77 60	73 43	63	37 39	3 8 2 8	63	67 34	61 39				36	72 39	67		79 34		38	32	71 39	38		38	67	73	72 43	73 47	68	37 41	66	63.7
											See	Refer	ence N	oles Fo		ng Stati	ion Ind	ex															

Continued										וע	41L	I	IE	'TATF	'E.	KA	10	KE	22												осто	DBER	1964
Station		1	2	3	4	5	6	7	В	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	verage
LOGAN	MAX	64	81	81	78	65	59	60	66	72	62	55	63	72	74	77	64	58	78	80	55	54	75	65	54	62	69	76	75	70	72	55	67.3
LONOON LOCKS	MIN	63	56 72	80	51 74	63	36	57	33	33	34	29 51	29	29	70	74	62	48	68	45	34 53	32	70	33	30	30	51	31 75	72	41	48 71	40 57	58.5
MAOISON	MIN	56	57 80	51	77	62	37 58	36	37 65	38 70	60	30	31 62	35 72	41 73	45 76	48 65	63	49 75	79	36 54	33	35	34 65	32	60	34 67	38	75	40 76	75	56	66.8
POINT PLEASANT 5 NNE	MIN	56	56 77	73	50	46 59	36 60	33	31 67	32 64	34 50	28	70	30 72	37 72	68	45 76	80	42 79	79	34 52	30 69	33 65	31 54	24	66	30 75	72	37	42 68	50	38	57.9
RAVENSWOOD DAM 22	MIN	45 80	55 82	43 84	75	63	27 61	64	31 62	60	33 58	21 67	70	34 75	37 75	37 75	46 79	51 80	36 79	78	23	30 70	69	26 57	23	26	29 77	30 72	41 77	53 71	41	27	70.4
RIPLEY	MIN	80	60 81	76	70	68	29 63	66	34 69	50	36	60	72	34 75	39 77	37 68	82	53 80	59 81	63	26 54	23 71	28 68	30 60	60	70	31 79	58 75	72	49 72	62	75	57.5
SPENCER	MIN	78	56 79	43 74	70	38 59	27 58	64	30 67	48 65	35	19 57	69	71	35 73	35 69	76	50 74	35 79	76	23 52	26 69	66	24 55	19	23 66	28 75	36 74	41 75	48 70	59	68	34,5
WAYNE 2	MIN	47	60	43	45	41	26	28	33	46	30	21	25	33	36	37	45	55	36	43	24	25	27	26	20	23	30	43	39	40	45	29	35,5
WILLIAMSON	MIN	65	81	83	80	62	59	62	67	72	61	55	66	74	76	79	65	58	79	81	56	53	73	65	58	68	70	78	77	69	72	58	68.5
WINFIELD LOCKS	MIN	57	58 78	52 80	75	47 67	37 58	60	34	39 68	34 56	31 52	32 59	70	40 72	74	50 67	51 77	45 78	79	34 57	32 53	36 70	32 59	51 54	32 57	31	35 76	39	45 75	52 69	60	40.8
	MIN	51	52	49	48	46	33	33	32	37	38	27	28	34	59	45	42	50	43	44	29	30	35	32	28	28	32	36	43	45	48	35	58.4
CENTRAL 04																																	
ARBOVALE 2	MAX	59	70	69	66	58	52	56	58	59	45	60	68	69	70	62	64	62	70	61	50	60	60	46	60	65	71	70	69	69	60	65	62.0
BAYARO	MIN	50	53 76	69	63	39 53	50	19	61	27 55	33 47	52	18	64	29	32	67	39	52	32	21	15	29 5a	20	15	19	24	27	28	42 a0	40	22	29.8
BECKLEY V A HOSPITAL	MIN	63	76	40 70	36	54	22 52	19	20	29	35 48	60	18	28	28	28	56	61	58 71	38	23 45	19	57	50	18	25	71	28	70	66	42 58	65	50,5
BECKLEY WB AP	MIN	53	55 75	45 71	52	48	26 50	25	63	36	34	18	28	67	54	40 57	57	61	72	60	25 45	62	29	24	19	61	67	32	69	47 63	47 52	29	34.5
BIRCH RIVER 6 SSW	MIN	52	53	45	45	34	27	27	37	38	26	20	35	37	39	45	46	46	43	34	25	27	32	27	22	27	36	45	44	47	36	37	36.5
BRANGONVILLE	MIN	65	68	78	68	65	51	53	58	65	50	45	56	64	66	69	4.8	74	67	70	47	45	60	49	47	55	62	72	69	70	59	54	80.9
BUCKEYE	MIN	39	50 73	40	39	36	22	60	26	35	34	19	70	72	50 75	31	39	69	39	41	23	19	26	30	18	25	28	32 71	35	40	63	25	31.8
CANAAN VALLEY	MIN	50	53	65	46	60	28	25	28	30	32	18	20	62	65	37	62	52	37 62	42	23	18	24	22	16	18	23	21	63	45	40 50	28	32.0
ELKINS WB AIRPORT	MIN	47	52	38	38	37	20	57	20	34	30	21	20	52	27	31	48	48	42 71	57	32	20	30 52	24	18	62	23	28	33	61	41	65	31,5
FLAT TOP	MIN	62	57	40	43	32	25	24	24 53	38	55	19	22	65	35	55	46	51	42 56	38	24	22	27	25	19	20	26	50	35	45 67	32 61	29	52.4
HOPEMONT	MAX MIN MAX	50	50	45	46	40	25	23	24	33	31	20	20	26	58	40	40	45	47	59	25	22	32	51	19	19	29	31	35	48	46	67	34,2
	MIN	48	50	44	42	28	18	14	23	30	28	20	28	40	36	28	25	50	31 75	27	24	18	23	27	24	35	39	49	72	46	30	25	31,3
MC ROSS	MAX	59 49	72 52	43	72 47	39	26	22	62 26	30	32	17	22	25	73 50	57	48	48	53	38	24	18	28	22	16	18	25	28	28	45	45	28	63.7
OAK HILL	MAX	54	56		46	44	53 29	22	61 27 58	41	35 57	20	20	52	71 52	74 45	70	48	41	75 41 51	27	26	32	28	22	25	28	28	75 38	75	70 47	31	55.0
PARSONS 1 SE	MAX	51	56	79 45	72 42	40	52 29	26	27	31	37	23	59 24	28	36	70	38	51	71 47	43	32	22	65	26	48 20	21	27	74 31	33	40	46	31	34,3
PICKENS 1	MAX	47	75 57	42	42	32	25	24	62 26	40	24	17	25	30	54	35	68	45	35	37	26	63	37	25	20	22	75	35	55	60	55 35	28	59.6
RI CHWOOO	MAX	62	76 56	73 43	48	40	53 28	24	62	58 36	54	18	65 28	67	33	38	45	50	71 39	56	30	65	26	24	53	21	75	32	35	46	59 47	28	34,2
ROWLESBURG 1	MAX	47	50	72 46	41	58 40	31	28	30	38	36	25	24	52	74 36	71 56	42	65 52 58	50	56 44 55	47 33	23	29	55 50	24	85 25	76 51 52	73 55	37	46	37	51	55,8
SPRUCE KNOB	MIN	46	47	73 43	70	40	28	27	30	38	30	39	25	42	40	42	58	45	51	30	28	26	32	28	28	35	43	45	47	50	46	35	58.6
WEBSTER SPRINGS 1 E	MAX	50	64	45	47	59 44	33	27	70 31	40	34	69 22	72	75 31	76 36	40	43	46	76 46	69	33	18	30	52 27	22	69	75 30	76 34	74	68 46	36	40	36,5
* * *																																	
SOUTHERN 05																								2.0									
ATHENS CONCORO COLLEGE	MIN	52	53	71 47	70	43	27	58 26	33	28	55 26	21	65	68	36	38	47	49	70 52	42	26	25	36	56 27	21	26	30	35	39	70 39	61	62 32	55.6
BLUEFIELO FAA AIRPORT	MAX	58	76 52	69	63	38	52	32	38	37	31	59 28	35	66	66	55 47	48	57 47	70	37	30	32	37	30	55	36	68	46	67 48	48	56 41	39	39.9
BLUESTONE DAM	MAX	66 56	51	77 51	70 52	63 51	55	33	33	63	63	28	29	30	72 36	72 40	62	50	48	76	30	52 27	30	30	29	58	29	70 31	72 34	72 54	51	37	38.0
GARY	MAX	65 57	73 57	82 52	75 51	63 46	53 32	55 29	61 29	30	61 36	23	67 23	71 28	71	75 35	62	53 47	41	71	50 32	27	29	63	23	58 25	26	77	72 32	75 35	67 48	38	35,6
KOPPERSTON	MAX	78	71	70	62	56	52	57	64 31	58 38	51 37	62 24	63	65	71 37	64	58 48	68 50	70 59	62	47 29	64 26	58 34	50 29	54 25	58 25	70 32	56	68 57	65 48	57	35	62.2
	MIN	58	57	47	53	44	32	29	34	30			-,	70			70	67	74	70		64	61	53	56		70	69	70	65	59	"	65.9

- 130 -

	]	D.F	AIL	Y	TE	M	PE	RA	TU	RE	ES											١		VIRG		
								Day	of M	onth					_										908	
6		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1 6	

Station																Day	of M	onth															Prage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	20	29	30	31	Aver
INEVILLE	MAX MIN	65	74	82	73 52	73 45	62	36 31	62	36 31	60	56 26	65	69	70 29	75 33	62	55 45	62	75 42	51 31	49	65	61	54	55	65	74 31	70 32	71	66	5 8 36	64
NION	MAX MIN	69	58 51	78	70	63	53	55	5 9 2 5	62	62	50 18	68	70	70 35	71 42	59	62	67	75	46	51	66	62	53	55	65	72 51	69	72 34	67	60	63
HITE SULPHUR SPRINGS	MAX MIN	69	77 54	74 47	65	59 44	57 28	62	63	64 30	34	64	70	72	72 33	66	68	67	77	72 45	52 26	67	64 30	56 25	58 19	68	72 24	72 29	72	68	62	68	6
NORTHEASTERN 06																																	
ERKELEY SPRINGS	MAX MIN	64	63	71 47	67	62	58 27	57 25	60	64 30	55 42	57 28	70 22	72 34	70 35	70 33	74 38	59 54	77	64	52 31	59	56 38	51 29	58	68 30	75 42	71 34	74	66	62	62	3
RANKLIN 2 NE	MAX MIN	58	75 52	72 44	66	60	55 27	59	61	63 34	53	57	73 25	72 30	68	65	65	57	75 40	56 43	49	63	60	59 27	60	69	74 30	74 32	75 35	64	61	64	
ARPERS FERRY NAT MON	MAX	66	66 57	76 51	71	66	63	62	62	67	60	59 32	69	73 35	72 41	73 39	74 45	66	80	70	60	60	61	60 35	61	69	79 39	78 39	79	78 48	79 45	65	6
EARNEYSVILLE 1 NW	MAX MIN	63	64 56	64 51	73	70 45	56 30	58 28	56 26	60 32	65	51 30	56 24	66	73 38	69	69	74 56	68	76 48	50 34	53	59 37	57 32	52 24	59 32	68	74 34	72 38	73 45	60	61	6 3
EYSER	MAX MIN	62	74 54		70	59 37	55 29	59	5 g 3 2	64	64		70	67	69	67	71 35	75 41	55 45		65	72 36	74 38	73 36	75 38	72	73 43	80 51	74	64			6
ARTINSBURG FAA AP	MAX MIN	64	66 56	72 49	70	58	60 31	57 30	62	65	52 39	58 29	69	72 33	70 41	70 36	73	61	76 44	57 41	53 33	60	58 37	55 30	58 25	67	76 36	72 35	74	62	62	60	6
AATH1AS	MAX MIN	56 50	74 51	69	65	60	55 26	57	58 23	63 32	53 38	58 22	70 23	70 30	69 34	65	63	56 50	74 40	58 42	48	59 23	59 33	48	58 21	65 25	72 33	72 34	72	64	62	61	6:
OOREFIELO MCNEILL	MAX MIN																																
)MPS	MAX MIN	62	64	71 52	69	68 42	55 29	58	54 26	59 27	64	60	55 30	57 32	71 30	67 36	69	73 39	60	70	52 24	54 29	58 32	50 31	50 30	55 30	65 39	74 38	70	74 43	65	60 30	6:
PETERSBURG	MAX MIN	61	77 55	76 47	66	61	57 28	59	64	65	58 43	57 24	73 23	74 32	70 35	66	71 42	64 53	77	57	52 29	64	64	52 29	61	69	75 31	77 34	75 39	68	62	64	6:3
1EOMONT	MAX MIN	67 48	60 53	68	73	68	56 32	55 26	58 30	62 30	59 38	46 27	59 29	69 32	70 36	71 40	69	74 52	58 51	74 46	48	50 24	62 30	54 40	50	58 28	68 45	76 44	77	70 54	64	62	6:
OMNEY 3 NNE	MAX MIN	64	70 55	73 43	74	66 37	59 29	60	64	66 34	56 39	59 22	73 21	74 31	71 34	69	74 39	69 53	77	66	54 30	65	60	53 29	59	69	76 30	75 32	76 37	67	63	62	6:
ARDENSVILLE R M FARM	MAX MIN	60	61	76	72	67	56 29	57	58	60	66	50	58	72	72 35	70 35	68	71 42	58 42	76 44	48	52	61	58	51		68	71	74	75 42	66	62	6

# EVAPORATION AND WIND

Station																	Day	Oi M	onth															78
Station			1	2	3	4	s	6	7	6	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	25	26	27	26	29	30	31	Total
NORTH CENTRAL	02																																	
SUTTON RESERVOIR		EVAP W1ND	·10	•11 47	•11 •1	.14 53	.04	.07	.09	.10 51	·10	* 57	.15 60	.07 54	.08	•12 36	.02	•13 18	•12 40	.04 36	.12	.05 47	.05 51	·14	.10 49	.06 47	.07 54	.07 33	.06 21	.10	.06	.08 34	.0e	2.71
OUTHWESTERN	03																																	
HOGSETT GALLIPOLIS	D	EVAP	•09 36	·11	·13	.25	.19	.07 63	.02 46	.19	.07 67	.07	,10 50	-10 32	.06 35	•03 20	·18	16																3 · 17 1271
* * * SOUTHERN	05																																	
BLUESTONE DAM		EVAP WIND MAX MIN	69	20	74	71	62	56	.09 42 61 39	29	37	61	52	22	61	21	67	.00 18 56 49	3 9 5 5	39 60	70	51		.05 60 56 35	.17 40 60 38	53	.06 36 54 35	.03 23 55 35	.05 34 58 36	.07 24 59 39	.04 19 61 39	.07 33 66 52	62	2.296 1025 60.5 42.6
NORTHEASTERN	06																																	
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BELVA BENSON BENS RUN 1 SSE BERKELEY SPRINGS BISCH RIVER 6 SSM BLUEFIELD FAA AIRPORT BLUESTOVE OAM BRANCHLAND BRANDONVILLE BRUSHY RUN	0679 00 0687 00 0710 00 0844 04 0921 00 0939 00 1075 00 1063 00	NICHOLAS HARRISON TYLER HORGAN NICHOLAS MERCER SUMMERS LINCOLN PRESION	10 8 9 4 7 7 3	38 14 39 09 39 28 39 37 38 25 37 18 37 39 36 13 39 40 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 640 1885 2805 1388 600 1798 1375	BA 6P 6P MID BA	8A 6P 6P MID 8A 7A	8.4	н	RAYMONO E. PMILLIPS CLARKSBURG WATER BOARD FMC CORPORATION H. M. RUPPENTHAL. 111 SOUTHEASTERN GAS CO. FEO. AVIATION AGENCY CORPS OF ENGINEERS VERL E. GALLOWAY JOHN B. SMRCVE	MORGANTOWN FAA AIRPORT MORGANTOWN L AND O MOUNDOSYLLE 4T STORM NAOMA NEW CUMBERLAND NEW MARTINSVILLE OAK MILL OMPS PARKERSBURG FAA AP	621 624 629 636 644 646 659	2 02 8 01 3 04 2 04 2 01 7 01 1 04 4 06	MONONGALIA MONONGALIA MARSHALL GRANT RALEIGM HANCOCK WETZEL FAYETTE MORGAN WOOO	6 8 9 4 8 8 7	39 38 39 37 39 54 39 17 37 52 40 30 39 39 37 58 39 30 39 31	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	620 2845 1210 750 637 1991 950	7P 5P 6P	7A 5P 8A 6P 7A 7A	CC	н	FEO. AVIATION AGENCY CORPS OF ENGINEERS MOUNOSVILLE SEWAGE TR MRS. EILEEN MINNICK VIRGIL G. WEBB WILLIAM G. MURRAY DR. 2. w. AMKROM MILES H. MARTIN MRS. E. M. HOVERNALE U. S. WEATMER BUREAU
BUCKEYE BUCKHANNON 2 W BURNSYILLE CAIRO 3 S CAMOEN 3N GAULEY CANAAN VALLEY CENTRALIA 2 NNW CHARLESTON WB AP CHARLESTON I CLARKSBURG I	1220 01 1282 01 1328 01 1363 04 1393 04 1526 01 1570 01	POCAHONTAS UPSHUR BRAXTON RITCMIE WEBSTER TUCKER BRAXTON KANAWHA HARRISON	10 5 6 4 2 4 4 4	38 11 39 00 38 52 39 10 36 22 39 03 38 38 38 22 38 21 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	600	6P 6P MID 9A	6P 7A 6P 7A		H C MJ	MISS ILEAN WALTON DR. ARTHUR 8. GOULO JOHN W. BROWN EUREKA PIPE LINE CO. HOWARD FLETCHER BEN F. THOMPSON JAMES W. LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY	WPARKERSBURG WA CITY PARSONS 1 SE PETERSBURG PHILIPPI PICKENS 1 PIEOMONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD DAM 22	686 695 698 700 702 711 720	7 04 4 06 2 02 1 04 9 05 2 02 7 05	1 WOOO 4 TUCKER 6 GRANT 2 BARBOUR 4 RANDOLPH 6 MINERAL 5 WYOMING 3 MASON 9 MERCER 9 JACKSON	2 9 10 10 9 3 8 7	39 16 39 06 39 00 39 09 38 40 39 29 37 35 38 55 37 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	615 1680 1013 1281 2695 1053 1280 610 2410 584	6P 7P 8A	5P 7A 7A 7A	k	H H	U.S. WEATHER BUREAU FERNOM EXP. FOREST MRS. BESS S. MOML MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER. JR. JAMES G. MC OERMITI UNIVERSITY OF W. VA. M. VA. MATER SVC. CO. CORPS OF ENSINEERS
CLAY I CLENGENIN 1 SW CORTON CRESTON 1 SSW DAVIS DRY CREEK DUNLOW 5 E EAST RAJNELLE 3 NNE ELEINS WE AJRPOPT ELLENBERO	1959 0: 2054 0: 2209 0: 2462 0: 2520 0: 2638 0: 2718 0:	KANAWHA KANAWHA	4 4 5 2 4 8 4 10	38 27 38 29 38 29 38 56 39 08 37 52 38 02 38 00 38 53 39 16	81 05 81 22 81 16 81 17 79 28 81 28 82 20 80 45 79 51 81 04	722 615 640 648 3120 1264 850 2420 1970 805	7A 5P	7A 7A 5P 7A		C H J	MRS. SARAH B. FRANKFORT KATHERINE M. RADER HUPE NATURAL GAS CO. SEWARD R. LYNCH MRS. MARY L. DUMAS MRS. RUTH E. JARRELL KELLY BROWNING MRS. SUE V. WALKER U. S. WEATHER BUREAU MRS. FUBY L. GORRELL	RENICY 2 S RICHWOOD RIPLEY ROMMEY 3 NNE ROMLESBURG I ST 'MARYS SMITHBURG SMITHYILLE SPENCER SPRICE KNOB	750 755 773 778 787 827 828 838	13 04 12 03 10 06 15 01 14 03 14 03 14 03	5 GREENBRIER 4 NICHOLAS 3 JACKSON 6 HAMPSHIRE 4 PRESTON 1 PLEASANTS 2 DOODRIGGE 2 RITCHIE 3 ROANE 4 PENDLETON	8 9 2 8 8 5 5	37 58 38 13 38 49 39 23 39 21 39 23 39 17 39 04 38 48 38 41	80 21 80 31 81 43 79 40 81 12 80 44 81 05 81 21 79 31	1900 2300 610 640 1375 650 795 840 964 3050	6P 5P 5P 7P	5P 7A 7A 5P		н	MRS. MARY V. MC FERRIN DAYTON C WEBB CITY OF RIPLEY MISS FRANCES VANCE MRS. "AUDE C. BOLYARD JOHN M. INGRAM HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. W. VA. WATER SVC. CO. HARRY J. GORDON
FAIRMONT FLAT TOP FRAWKLIN 2 NE FREEMANSBURG GARY 3ASSAMAY GLENVILLE GANTEVILLE 2 NW GAIFFITHSVILLE HACKER VALLEY	3072 04 3215 06 3238 03 3353 05 3361 03 3544 03 3648 03 3749 03	P MARION MERCER PENDLETON 2 LEWIS 5 MC DOWELL 2 BRAXTON 2 GILMER 2 CALHOUN 3 LINCOLN 4 WEBSTER	9 6 1 4 5 5 3	39 28 37 35 38 40 39 06 37 22 38 40 38 56 38 56 38 14 38 39	80 08 81 07 79 19 80 31 81 33 80 46 80 50 81 06 81 59 80 23	1298 3229 1900 1030 1426 840 727 730 950 1501	7A 6P 8A 6P 7A 8A	7A 7A 8A 6P		H H	CITY FILTRATION PLANT FRED E. BOWLING GEORGE D. HAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE MOPE NATURAL GAS CO. ROBIN B. MOORE MRS. LELA M. CARTER	STONY RIVER DAM SUMMERSVILLE SUTTON RESERVOIP TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BEND VALLEY HEAD	860 866 878 880 892 898 901	18 04 2 03 2 04 07 04 14 03 16 03 1 03 18 04	4 GRANT 4 NICHOLAS 2 BRAXTON 4 PRESTON 4 TUCKER 3 MASON 2 TAYLOR 5 MONROE 4 RANDOLPH 4 RANDOLPH	2 2 4 10 7	39 08 38 17 38 39 39 27 39 27 39 09 38 41 39 19 37 36 38 46 38 33	79 18 80 50 80 41 79 33 79 30 81 50 80 02 79 56 80 02	3400 1930 835 2587 3010 630 1200 1975 2010 2425	7 A	8A 7A 7A 7A 7A 7A	7A C		FRED C. BECKER CMARLES F. GUM CORPS OF ENGINEERS CMARLES E. TREMBLY MRS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS VIOLET L. SMECKER KENT SMECKER
HALL HAMLIN HARPERS FERRY HARPERS FERRY NAT MON HASTINGS HICO HOSSETT GALLIPOLIS DAM HOPEMONT HOPEMONT HOPEMONT HOULT LOCK 15	3846 0: 3927 0: 3932 0: 3974 0: 4128 0: 4200 0: 4264 0: 4281 0:	2 BARBOUR 3 LINCOLN 5 JEFFERSON 5 JEFFERSON 2 WETZEL 6 FAYETTE 3 MASON 4 PRESTON 2 LEWIS 2 MARION	3 9 8 7 8 11	39 03 38 17 39 19 39 19 39 33 38 07 38 41 39 26 38 59 39 30	80 07 82 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 878	5P	7A 5P 3P 7A	7,	·	MRS.OPAL R. JACKSON W. VA. MATER SVC. CO. MISS ELEANOR J. WHITE NATIONAL PARK SERVICE HOPE NATURAL GAS CO. HAS MILDRED E CRIST CORPS OF ENGINEERS HAS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VANDALIA WARDENSVILLE R M FARM WASHINGTON DAM 19 WAYME 2 WEBSTER SPRINGS 1 E WEISTON WELLSBURG 3 NE WEST UNION WMEST UNION WMEELING WARWOOD OM 12	928 930 932 933 934 936 943	1 04 09 01 13 01 13 01 15 01 16 01 16 01	Z LEWIS 6 HARDY 1 WOOD 3 WAYNE 4 MESSTER 1 HANCOCK 1 BROOKE 2 LEWIS 2 OODDRIDGE 1 OHIO	9 8 8 8 6 5	38 56 39 06 39 15 38 13 38 29 40 24 40 18 39 02 39 18 40 06	80 24 78 35 81 42 82 26 80 25 80 35 80 35 80 28 80 47 80 42	1120 960 600 600 1540 1040 668 1026 1000 659	8A 5P 6P 6P 7A	7A 6P 6P 7A 6P	9A	: н	CLARKSBURG WATER BOARD UNIVERSITY EAP, STA, CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSON MISS DORIS J. PFISTER J. ARTHUR HERRY, JR. EARNEST F. SHITH CORPS OF ENGINEERS
MUNORED BLOS BMUNTINGTON FED BLOS HUMTINGTON WB AIRPORT IAEGER IRELANO JANE LEW KEARNEYSVILLE 1 NW KEARNEYSVILLE 1 NW KEARNEYSVILLE NW KEYSER KOPPEPSTON	4388 D. 4393 O. 4408 O. 4478 O. 4559 O. 4763 O. 4816 O. 4836 O.	WETZEL 3 CABELL 3 WAYNE 5 MC DOWELL 2 LEWIS 6 JEFFERSON 3 MINGO 6 MINGO 6 MINGRAL 5 WYOMING	8 8 1 6 6 6 9 1 9	39 41 38 25 38 22 37 28 38 49 39 06 39 23 37 50 39 26 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34	827 1084 1142 1020 550 625 930 1450	MID MID 8A 5P 6P	7A 5P 6P		C HJ	MRS RUTH L.SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EDWARD M. BOWEN POTOMAC STATE COLLEGE MOPE NATURAL GAS CO.	WHITE SULPHUP SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	955 960 961	05 0	5 GREENBRIER 3 CLAY 3 MINGO 3 MINGO 3 PUTNAM	1 1	37 48 38 28 37 40 37 40 38 32	80 18 80 52 82 17 82 17 81 55	1914 1143 673 659 571	8 A	7A 8A 8A 7A 7A		н	JAMES A, TERRY MRS, JOYCE S, BUTCHER MORFOLK + WESTERN RY, MRS, WILMA E, ROBERTS CORPS OF ENGINEERS
LAFE LYWN LEWISBURG 2 55W LINDSIDE LIVERPOOL LOCKNEY LOGGN LOCKS MADISON MANNINGTON 1 N MANNINGTON 1 W	5224 0 5284 0 5323 0 5341 0 5353 0 5365 0 5563 0	MONCHGALIA GREENBRIER MONROE JACKSON GILMER LOGAN KANAWHA BOONE WARION	7 7 8 5 3 4 4 4 6	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 80 28 80 40 81 32 80 58 82 00 61 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975 995	5P 8A 7A 8A 6P	8A 7A 8A		C H HH	WEST PENN POWER CO- RADIO STATION HRON LOUIS E. CANTIBERRY BROOKS E. UIT HOPE NATURAL GAS CO- COY E. MARSHALL CORPS OF ENGINEERS J. E. CURRY JAMES N. HORGAN ORA G. FROST											- (		

DRAINAGE CODE 1-BIG SANDY 2-CHEAT 3-GUYANDOT 4-KANAWHA 5-LITTLE KANAWHA 6-MONONGAHELA 7-NEW 8-OHIO 9-POTOMAC 10-TYGART 11-YOUGHIGGHENY

### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing in the State Climatologia, Agricultural Engineering Building, West Virginia University, Morganiown, West Virginia 28508, or to any Westher Bureau Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin ere frequencial to the negative departures of everage daily temperatures from 65° F. in "Supplemental Data" table directions entered in figures are tops of degrees.

QUSERVATION TIME The Station index shows observation times in local standard time. During the summer months some observers take the observations on deylight saving time, Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations apon on ground values are at 7:00 s.m., E.S.T. Date in the "Extremes" table, "Daily Pracipitation" table, "Daily Temperature" table, "Exaporation and Wimi" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table. Max and Min in "Evaporation and Wind" table refer to extremise of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from diffarent points for successive observations, consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of anowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and siest. Entries of enow on ground include snow, sleet, and ice.

NORMALS for all stations are climatological atandard normals based on the period 1931-1960,

DIVISIONS, as used in this publication, became effective with data for January 1957,

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.
  - No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry,
- + And also on an earlier date or dates.
- + Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- · Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield,
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month,

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

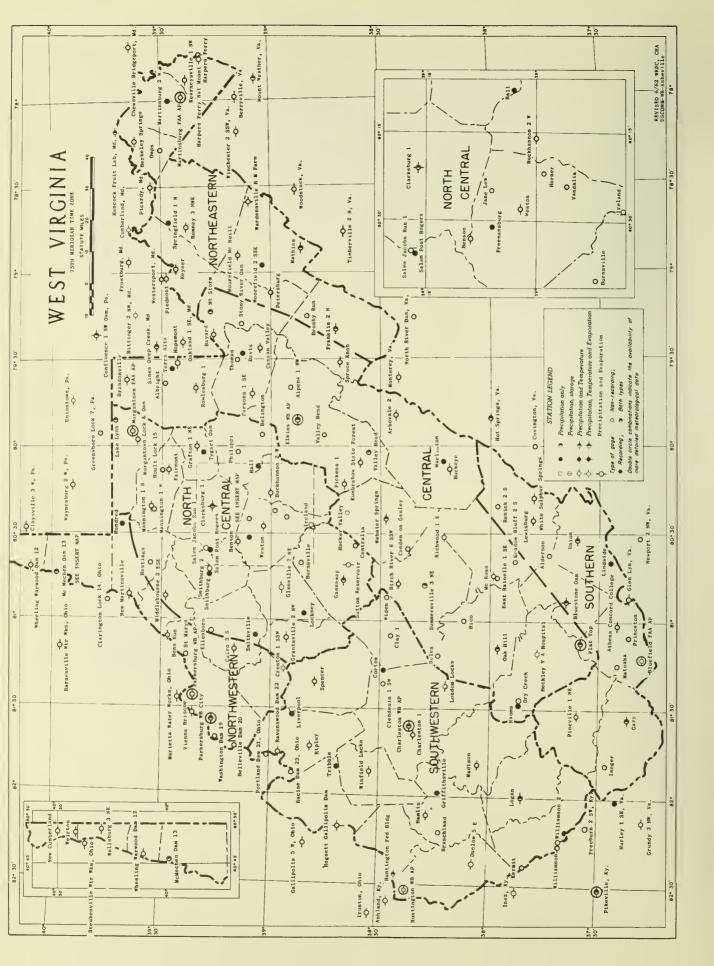
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -12/14/64-750



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# U. S. DEPARTMENT OF COMMERCE LUTHER H. HODGES, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

# CLIMATOLOGICAL DATA

# WEST VIRGINIA

NOVEMBER 1964 Volume 72 No. 11



JAN 23 1985
UMIVERSITY OF DUMOS

### WEST VIRGINIA - NOVEMBER 1964

### TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 80° on the 3d at Charleston 1 and Corton

Lowest Temperature: 3° on the 22d at Arbovale 2 and McRoss

Greatest Total Precipitation: 5.07 inches at Rowlesburg 1

Least Total Precipitation: 1.40 inches at Wardensville R M Farm

Greatest One-Day Precipitation: 1.90 inches on the 20th at

Winfield Locks

Greatest Reported Total Snowfall: 8.0 inches at Richwood

Greatest Reported Depth of Snow on Ground: 6 inches on the 30th at McRoss

### SPECIAL WEATHER SUMMARY

Enjoyment of the mild pleasant weather the first half of the month was marred by numerous forest fires. The State Forester noted that there were over 200 in all, most of them south and southwest of Charleston, and that smoke over southern West Virginia was the worst since 1953. From the 8th to the 12th, the low-level wind flow was mostly light and from the southwest. This flow, combined with unusual upper-air temperatures, prevented normal dissipation of the smoke concentrations. Residents of Charleston with respiratory diseases were warned by health authorities to stay indoors until the smoke concentrations abated. Effects of this pall of smoke were noted throughout the State to a lesser degree: the atmosphere was unusually hazy and smoky in Morgantown and atmospheric turbidity measurements taken at Elkins showed the highest readings of any fall period to date.

The U. S. Geological Survey noted in their Water Resources Review that streamflow was still below median at month-end, but that the ground-water level in the key well at Glenville rose from mid-month to a new November high for the 12 years of record.

Temperature: Many warm dry days and cool nights throughout the month. Record lows at most stations on 22d.

Sunshine: Parkersburg reported 58 percent of possible, 10 percent above average.

Precipitation: Average, but most occurred during last half of month.

Snowfall: First significant fall of the season occurred on the 30th.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

				Te	mper	ature											Preci	pitation					
										N	lo. ol	Doγ			_			Sno	w. Slee		N	o. of 1	Do y
Station	Average Maximum	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Me Ware		M. Belleve et		Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Dahe	.10 or More	S0 or More	1.00 or More
* * * NOR7HWESTERN 01																							
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLANO	60.0 62.2 62.8 60.2 59.9M	29.6 29.7 26.7 32.8 35.7M	44.8 46.0 44.8 46.5 47.8M	2.1 1.4 4.5	74 77 76 73 73	16 10 3 15 4	6 6 13	22 22 23• 23 21	600 568 599 550 497	00000	0		00000	3.70 3.90 4.14 2.60	.92 .93 1.16	1.35 1.77 .85	20	1.0		30 30	6 6 7 5	2 3 2	2 2 0 1
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	59.9 58.0 58.8 58.6 58.6	34.7 36.2 36.2 36.5 31.2	47.3 47.1 47.5 47.6 45.0	3.1 2.7 2.8	75 72 73 74 72	15 15• 15• 4 12•	13 11 15 12	22 22 22 22 22 23	524 530 517 517 593	00000	2 2 1	10 9 8 9	00000	3.37 3.10 2.67 2.76 2.95	.53 .31	1.45 1.34 1.18 1.10 1.02	25 25 25 25 25	1.5 1.0 1.0 .5 2.0	1 1 T	30 30 30 30+ 30+	6 6 4 5 6	3 2 2 3 2	1 1 1 1
WHEELING WARWOOD DM 12	58.5	34.2	46.4	3.3	73	2	14	23+	553	0	2	7	0	2,53	02	1,08	26	1.0	1	30	5	2	1
DIVISION			46.4	2.7										3.17	.48			1.1					
NORTH CENTRAL 02 BELINGTON	61.0	27.7	44.4		74	3+	6	23.	612	0	2	23	0	2,40		.64	17	1.0	1	30	6	2	0
BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	59.9M 58.3 57.6	30.8M 30.2 35.9	45.4M 44.3 46.8	2.4 2.5 3.1	72 72 73	2+ 15	12	22 23. 22	583 613 540	000		19	0 0	3.04 2.76 3.25	14 .17 .54	.85 1.17 1.52		4.0 1.2 1.0	1	30 30 30	7 5 6	3 2 2	0 1 1
GASSAWAY GLENVILLE GRANTSVILLE 2 NW MANNINGTON 1 N MIOULEBOURNE 2 ESE	62.6 60.4 62.9 61.3 59.3	32.6 28.1 31.0 28.5 31.1	47.6 44.3 47.0 44.9 45.2	9	76 75 76 75 75	15 16 3 7	9 12 10 7	22 23 22 22 22	514 613 532 597 586	00000	1 2 0	14 20 20 21	00000	2.70 3.39 3.80 3.54 3.48	.22 .53 .76	.90 1.55 1.50 1.10	25 20 20 19	3.2 1.0 1.0 2.0	2 1 1	30 30 30 30	6 6 7 6 5	2 2 3 3 6	0 1 1 1 0
MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNION	58.3 59.7 60.8 60.6	36.4 34.3 30.2 31.7	47.4 47.0 45.5 46.2	.7	72 72 75 74	2 15+ 2 2	12 12 10	22 22 23• 22	523 532 580 557	0000	2 1 2	10 10 21 16	0000	3.50 3.13 3.52 3.89	.37 .19	1.31 1.26 1.69 1.12	25 20 20	1.0 T 1.0	TTT	30	5 5 8 7	3 2 2 4	2 2 1 2
OIVISION			45.8	2.1										3,26	,29			1.5					
SOUTHWESTERN 03																							
CHARLESTON WB AP R CHARLESTON 1 CORTON OUNLOW 5 E HAMLIN	61.5 65.2 64.0 63.5 64.0M	36.4 33.9 31.2 38.2 28.7M	49.0 49.6 47.6 50.9 46.4M	3.7	76 80 80 77 77	2 3 15 16	12 7 8	22 22 22 22 22 23•	474 457 516 418 552	00000	0	8 10 17 9	00000	2.95 3.09 2.93 3.58 3.84	•16 •29	1.33 .95 1.30 1.07 1.32	25 25 25 19 26	1.3 2.2 2.0 1.5 1.0	2		5 6 5 7 5	2 3 2 3 3	1 0 1 2 2
HOGSETT GALLIPOLIS DAM HUNTINGTON FEO BLOG HUNTINGTON WB AIRPORT LOGAN LONDON LOCKS	61.8 62.1 60.4 63.2 63.0	32.2 38.4 35.5 34.0 35.7	47.0 50.3 48.0 48.6 49.4	3.6 2.5	76 78 77 77 77	16 4. 15 16. 3	16 8 13	23. 22 22 23. 23.	531 436 504 483 462	00000	0	13 6 11 7 6	00000	3.79 3.49 3.37 2.67 2.94	1.08 .85 .91 05	1.59 1.89 1.81 .69 1.02	20	1.0 .3 1.0	1 0 1 0 T	30	7 3 4 5 6	2 2 2 3 2	2 2 2 0 1
MADISON POINT PLEASANT 5 NNE RAVENSWOOD OAM 22 RIPLEY SPENCER	62.0 61.5 63.3 63.2 61.7	32.5 32.1 33.6 30.0 32.7	47.3 46.8 48.5 46.6 47.2	3,3	76 75 76 77 74	16+ 15 2 1	8 5	23+ 22 22 22 22 22	526 540 490 543 527	00000	000	11 15 13 18	00000	3,03 2,99 3,33 5,04 4,29	.76 1.55	.77 1.05 1.52 1.55 1.61	20 25 20 25 26	1.0 .4 .0 2.0	1 T 0 2	30	5 6 6 8 6	3 3 2 4 3	0 1 2 2 2 2
WAYNE 2 WILLIAMSON	65.6	35.1	50.4	4.0	78	16+		22	433	0	0	8	0	2.76	02	•97	25	1.0		30	6	1	0
WINFIELD LOCKS DIVISION	62.2	34,2	48.2	3.0	75	16.	13	23	496	0	2	7	0	3,93	1.26 .67	1.90	20	.9	1	30	5	2	2
* * * CENTRAL 04																							
ARBCVALE Z BAYARO BECKLEY V A MOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW	56.5M 54.6 60.0 57.5	26.4M 27.4 31.3 35.3	41.5M 41.0 45.7 46.4	2.6 3.4	70 66 71 68	3+ 2 15 15+	7 4	22 22 22 22	707 713 572 550	0000	1 0 1		0000	1.72 3.07 2.12 2.35	83 .17 56	.67		T 1.5 T 3.3	T	30 30 30 30	5 7 5 5	1 2 2 1	0 1 0 0
BRANOONVILLE BUCKEVE CANAAN VALLEY ELKINS WB AIRPORT FLAT 70P	56.8 59.6 53.5 58.6 54.6	30.0 27.4 28.6 29.3 31.6	43.4 43.5 41.1 44.0 43.1	3,3 3,9	72 71 65 74 68	12 4. 2 2 12	5 7	22 22 22 22 22	638 636 711 624 652	00000	2 0 2 2 2 2	22 18 21	00000	3.51 2.17 3.32 2.00 2.96	75 .27	1.32 .80 .85 .60	26 16 16	1.0 T 5.0 4.6 1.0	7 5 4	30 30 30 30 20	5 4 7 6	2 2 4 1 2	2 0 0 0
HOPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	55.4 60.5 61.8 58.6 57.3	30.9 28.6 31.1 29.5 30.3	43.2 44.6 46.5 44.1 43.8		70 72 74 72 71	1 7. 16. 3 2	3 8 9	22 22 22 22 22	650 605 548 622 629	00000	1 0 1 2 2 2	21 16 20	0 00000	3.02 3.00 1.85 2.95 3.80		1.70 1.21	26 25 26 17 17	3.0 6.0 .0 2.0 1.0			3 7 6 7	2 2 1 3 3 3	1 0 1 1
RICHWOOD ROMLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	60.1 60.8 56.7 61.8	31.2 32.8 34.1 32.7	45.7 46.8 45.4 47.3		73 74 68 76	2 2 9 3+	8	22 23 22 22	575 540 580 526	0000	1	18	0000			.94 1.72 1.25	25 17 26 26	8.0 T T	T 0	30	6 8 7 5	3 1 2	0 3 1 0
DIVISION			44.3	3.9				ĺ						2.83	30			2.0					

				Ter	mper	ature											Preci	pitation					
										N	o. of	Days						Sno	w, Sleet		N	o. of	Day
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Move M	-	Min.	Total		Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
SOUTHERN 05  ATHENS CONCORD COLLEGE BLUESTONE DAM GARY //R KOPPERSTON //R LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS DIVISION  A A A NORTHEASTERN 06	59.5 56.9 60.2 63.2 59.2 60.1 60.5 60.7 62.2	34.7 38.1 32.2 31.3 34.8 32.0 30.6 29.2 31.3	47.1 47.5 46.2 47.3 47.0 46.1 45.6 45.0 46.8	3.0 3.1 4.4	68 73 78 71 70 73 74	16 15 12 2 1 16• 5• 12	8 12 10 10 10	22 22 22 22 22 22 23 23 23	530 517 558 525 531 560 574 593 541	00000 0000	1 0 0 1	6 0	1.83 2.71 2.14 2.29 2.97 1.78 2.69 1.84 2.56		.03	.72 .68 1.45	25 26 25 25 25 26 19	3.0 3.0 2.0 T .5 2.5 .0 .0	2	30 30 30 30	2 5 4 6 6 3 6 5 4	2 2 2 1 2 1 2	1 1 0 0 0 0
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	59.3 60.7 63.0 59.2	33.0 30.9 36.7 33.6	46.2 45.8 49.9 46.5	1.6	73 74 77 75	12 7 12 13	10 10 17 12	22	559 567 447 547	0000	0	15 0 18 0 7 0 13 0	2.25 D 1.96 2.31 1.56	1	1.07	1.64 1.19 1.00 1.01	26 25	1.0 2.5 2.0 T	2	30 30 30	3 5 5 3	1 1 2 1	1 1 1 1
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL DMPS PETERSBURG	59.1 59.2 57.9 62.6	32.5 32.2 33.8 33.6	45.8 45.7 45.9 48.1	1.9	71	12 15 13 15•	12 8 12 12	22	570 570 568 496	00 00	0		1.86 1.66 2.11 1.48		.67	1.18 1.20 1.60 1.03	25 26	1.0 1.0 T	1 1 0 0	30 30	3 2 4 3	1 1 1 1	1 1 1 1
PIEDMONT ROMNEY 3 NNE WARDENSVILLE R M FARM DIVISION	58.9 60.8 61.2M	36.8 32.7 31.6M	47.9 46.8 46.4M	5.0 3.6 3.1		12 12• 16	14 9 11	23	507 541 551	000		6 0	1.85 1.74 1.40	•	•31 •75	1.00 1.13 .92	26	1.0 .0	1 0	30 30	3 3	1 1	1 1 0

Station	Total	т т	T	r (	T	Day of M	lonth	т	T T	п			
	F	1 2 3	4 5 6	7 8 9	10 11 12	13   14	15	16 17 18	19 20 21	22 23 24	25 26 27	28   29	30
ICRTHWESTERN 01 ILLEVILLE CAM 20 INS RUN 1 33E IRO 3 5 IESTON 1 53W LENBORO	2.70 3.70 3.90 4.14 3.63					*11 *14 *08 *11		.04 .09 .04 .32 .01 .22 7 .11 .01 .20	.08 1.03 .07 1.34 .01 1.00 .70 .21 1.77 .08 1.62		.27 .96 .26 1.37 1.39 .35 .02 .36 1.26 .13 1.36	.04 T .05	.12 .16 .25
MECHEN OOM 13 UNOSVILLE H CUMBERLANO H MORTINSVILLE RKERSBURG FOO OP	2.60 3.37 3.10					•13 •20 •04 •11 •18	.03	010 014 045 061 040 T 029 T T	*16 *94 *57 *66 *41 *30 *67 *69 *12 T	T T	.13 1.08 .63 .21 1.02 .07 1.45 .57 1.34 .08	.04 .03 .02 7	·13 ·17 ·14
RKERYS HERYS SHINGTON OGH 19 1870N LLJBURG 3 NE EELING HGRWOOO DM 12	2.67 2.74 2.76 2.95 2.53		• • •			.13 .03 .08	.01	.01 .21 .21 .69 7 .61 .01		1	1.18 .05 .30 .80 1.10 .14 1.02 .15 .03	.02 .04 T .02 .07	.08
RTH CENTRAL 02													
INSTON SON KHONNON 2 W NSVILLE TRAL16 2 NNW	2.40 3.04 2.62 2.41		•			•27 •14 •08 •22	-	.03 .64 T 	.20 .60 T 	 T T	.04 .45 T .72 .10 .32 .62 .20 .59	.05 .07	.24 .12
RKSBURG 1 RMONT ISAWAY INVILLE INTSVILLE 2 NW	2.76 3.29 2.70 3.39 3.80					.04 .08 .06 .10	T	.43 .46 .01 T .33 .02 7 .16 T .12	1.17 .19 1.52 .16 T .79 .27 .12 1.35 T .15 1.50	Ť	.68 .07 .68 .11 .90 .14 .43 .95 .70 .91	.08 .03 .04 .04	T ,
TINGS NER LIT LOCK 15 LOND E LEW	3.37 2.88 2.92 2.59 3.20					.07 .25 .11 .02 .18		.31 .07 .43 .08 .34 .42 .39	1.05 .66		.76 .35 .02 .70 .02 .77 .62 .23 .73 .06	Ť Ť .03	.33
EE LYNN ININGTON 1 N ININGTON 1 W DOLEBOURNE 2 ESE REANTOWN FOO GIRPORT	3.02 3.54 2.67 3.48 3.50					.05 .06 .09 T	T	.04 .32 .30 T .70 T	111 1.28 .01 .61 .78 T 1.18 .16 T	Т	.80 .02 .80 .83 .61 1.31 .03	.02 T T	.12
ILIPPI TTON RESERVOIR NDALIA STON ST UNION	3.11 2.46 2.99 3.52					.18 .13 .16 .10		.03 .72 T .08 .38 .49 .09 .29	.14 1.14 T .22 .71 T .87 .31 .11 1.69 T	T	T 1.07 201 .05 .77 T .35 .49 T .70 .18 .21 .83 T	.04	. 24
UTHWESTERN 03													
NCHLANO RLESTON WB AP R RLESTON 1 Y 1 NDENIN 1 SW	2.94 2.95 3.09 2.85 3.44			т		•13 •20 •11 •34	T .04	7 .06 .08 .07 .20	.26 1.16 .81 .16 T .23 .86 .25 .84 .12 1.08	.09	.67 .52 1.33 .10 .95 .68 .48 .60 .46 1.56	.01 .07 .01 .05	.13 .06 .13 .10
TON LOW 5 E ILIN SETT GALLIPOLIS OAM TINGTON FEO BLDG	D 2.93 3.38 3.84 3.79 3.49			T		.01 .11 .10 .01	.06	.15 .04 .01 .01		т	1.30 .20 1.00 .27 .95 1.32 .18 1.31 1.27 .06	.01 .04 .28 .05 T T .12	.20 .20 .05 .03
TINGTON WE SIRPORT MIT AN OON LOCKS	3.37 2.67 2.94 3.03			Ţ		.01 .20 .20 .19	.09	.01 .02 .05 .00 .02 .03 T .07 T	.32 .69 .28 .83 .46 .77 T	Ť	1.04 .06 .74 .41 - .87 .60 .42 1.02 .76 .67	.11	.01
NT PLEASANT 5 NNE ENSWOOD OWN 22 LEY NCER NE 2	2.99 3.33 5.04 4.29					.12 .02 .25 .10	T -	16 .02 .12 .11 .17 T .04 7 .27	1.30 .50 T		1.05 .19 .21 1.19 1.35 .30 T .62 1.81	.05 .53 T .03	•
OEN LLIAH3ON LLIAH3ON 2 NFIELD LOCK3	2.66 2.76 1.89 3.93					.29 .35		.02 .24 .03 .04 .02 .05			.32 .73 .97 .59 .49 .42 .46 1.05	.04	.09
BRIGHT PENA 1 NW BOVALE 2 YARO CKLEY V A HOSPITAL	3.14 2.29 1.72 3.07 2.12					.07 .20 .04 .18		.08 .51 .10 .60 .13 .12 .87 T	.21 1.08 .20 .45 T .24 .33 .20 .43 .34 .27		1.03 .09 .02 .65 .03 .26 .70 1.03 .03 .63 .67		*04 T
KLEY WB AP LVA RCH RIVER 6 33W NOONVILLE KEYE	2.35 2.54 3.31 2.17			T		.09 .21 .09 .03	T -	.02 .23 T		.0	0.99 .04 .50 .74 T 1.11 .32 .80	.04 .01 .01	.03
MOEN ON GAULEY NAAN VOLLEY Y CREEK ST ROINELLE 3 NNE KIN3 WB AIRPORT	2.49 3.32 2.92 2.50 2.00					.26 .02 .18 .20 .07 T		.83 .09 T .04 .04 .03 .03	.30 .51 .46 .12 .01	7	.08 .70 .73 .34 T .79 1.00 .33 .90 .36 .07	.01	000
T TOP KER VALLEY CO DEMONT ROSS	2.96 2.21 2.04 3.02 3.00					.17 .05 .25 .14		.08 .79 T .03 .04 .31 .79	.08 T .53 .40 T		.44 .88 .29 .24 .15 .69 .05 1.70 1.21 .11	•11	.09
STORM (HILL )   130NS 1 SE   1	2.29 1.85 2.95 3.80 0 3.23		Ť			•11 •16 •20 •32 T •27		.03 .33 .15 .04 .14 1.04 .01 .13 1.23 T	.20 .61 T .29 .70 T .58 .29	Ţ	.03 1.15 .36 .53 .01 .56 .13 .93 T .94 .26		0 .80
HLESBURG 1 HUCE KNOB DNY RIVER GAM HMERSVILLE DH65	3.07 2.54 3.66 2.38 3.36					.20 .21 .20 .19 .26		.28 1.72 .07 .10 .29 .20 1.08 .24 .13 1.26	•22 •25 T •25 •20 •36 •34 •23 •26 T	T	.05 1.10 .13 .19 1.25 .13 1.54 .22 .72 T .99 .06	•0:	.06 .11
LLEY BENO LLEY HEGO BSTER SPRINGS 1 E	1.92 2.73 2.21					.15 T .20 7		.08 .48 .07 .14 .84 T	.19 .25 .03 .13 .23 T	*01	.04 .58 T .16 1.00 7	.01	T

## DAILY PRECIPITATION

WEST VIRGINIA

Continued																														NOVE	MBER	1964
Station	Total													Day	of M	lonth																
	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
30UTHERN 03																																
ALDERSON 4 THEMS CONCORD COLLEGE BLUEFIELD F44 AIRPORT BLUESTONE DAM G4RY //R	2.03 1.83 2.71 2.14 2.29								. 08 T	Ţ				.03 .07 .16 .04	.04		+09	.09 T T .10	. 02 . 08	.41	.27 .16 .28 .32	T			т	.32 1.12 1.29 .62	.05		T .03	* <sup>01</sup>	.03 .18 .06	
IAEGER KOPRERSTON LEWISBURG 2 55W MATOAK4 PINEVILLE	2.98 2.97 1.78 1.39 2.49								Ť <sup>04</sup>	.14				.23 .24 .13 .23			.14	•10 •13 •03	T T	.73	.25 .24 .10 .26					.73 1.43 .82 .40	, 35		T .03	.11	.07	:
PRINCETON RENICK 2 5 UNION WHITE BULRHUR BRRINGS	1.92 1.93 1.84 2.36									.02				.10 .09 .10				•03 •13 T •04	T	.61	.29 .22 .22					.47 .39 .44	.65			.04 .06 .04	Ţ	:
NCRTHEASTERN 06																																
BERKELEY SRRINGS BRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARRERS FERRY NAT MON	2.25 1.66 0 1.96 1.43 2.31													•05 •02 T	.03		*12 T	•11 •02 T		.23	T •19 •12 •14 •06					.10 .11	.05 .99 1.19 1.09		T	T T	.06 0 .25 T	•
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATHIGS MOOREFIELO MCNEILL	1.86	-	•	•										T T		T .	.09 .13 T	: <sup>01</sup>	÷	.44	-26 T	-		•			02	-			.09 .07	:
OMRS RETERBOURG RIEOMONT ROMNEY 3 NNE WARDENSVILLE R M FARM	2.11 1.48 1.65 1.74													.04 .02			.16 .01	.02 .03 .03		.20	.17 .23 .40 .19					.01	1.60 1.03 1.00 1.13			•02	T • 07	:

## SUPPLEMENTAL DATA

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EAST 1 AM	ERN STA	NDARD 1	IME 7 PM	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
BECKLEY WB AIRPORT	24	6	9.1	37++	20	19	71	79	50	5B	3	5	4	1	0	0	13	-	5.2
CHARLESTON WB AIRPORT	22	10	6.2	24++	32	19	72	ВО	47	53	3	5	3	1	1	0	13	-	5.6
ELKINS WB AIRPORT	25	6	6.5	29++	26	20	B4	91	50	65	2	4	5	1	0	0	12	-	5.8
HUNTINGTON WB AIRPORT	18	9	5.4	24++	30	19+	79	91	55	59	2	6	2	0	2	0	12	-	5.1
PARKERSBURG WB CITY	-	-	6.5	29	NW	20	-	-	-	-	3	6	2	1	1	0	13	5B	-

## DAILY TEMPERATURES

											AIL	. 1	11	"IAT1	P.E.	-			30	-	-					-				P-	OVEMBER	8
Station		1	2	3	4	5	8	7	8	9	10	11	12	13	14	15	18	onth 17	18	19	20	21	22	23	24	25	28	27	28	28	30 31	Averag
			L													l		L														-
NORTHWESTERN 01																																
8EN5 RUN 1 55E	MAX MIN	65 31	72 34	73 35	72	72	66 31	60 26	64	52 25	53	68	71 38	72	65	67	74 34	65	57 34	53 39	60	60	29 10	30 14	50 14	58 14	52 40	55 35	60	63	43	60.0
CAIRO 3 5	MAX	74 30	74 32	74 29	74	69	60	68	65	61	77 29	72 33	73 35	70	68	75 27	67	65	54	54	60	41 18	34	50	59	53	52 38	61	62	59	40	62.2
CRESTON 1 55W	MAX MIN	71 25	75 30	76 30	75	75 30	73	72	63	61	62	70 2 7	72	72 38	70 25	70	75 23	70 41	60	56 43	60	42	31		50	56 16	56 41	58 31	64 31	61	54 24	62.8
MOUNOSVILLE	MAX	71 29	70 35	71 38	71	67	64	62	54 34	59 38	67	72 36	72 36	70 48	64 32	73 29	65 55	66	55 37	55 38	50 32	41	32 14	6 9 1 3	54 17	54 29	57 42	59 34	63	59 31	40 22	60.2
NEW CUMBERLAND	MAX MIN	72 33	70 37	72 42	73	64 42	59 41	65 31	64 36	61	71 48	72 50	68	65 52	71 32	64	63	52 33	48 36	49	50 21	39	13	54 20	51 33	55 44	55 41	61		58 29	30 23	59.9 35.7
NEW MARTINSVILLE	MAX MIN	72 32	72 39	72 39	74 38	66	61 37	62 28	61	51 37	67	71 39	72 40	69 51	66 33	75 31	65 58	61 36	56 42	59 41	58 32	40	31 13	50 15	55 20	51 36	55 41	58 41	61 38	49	37	59.9 34.7
PARKERSBURG FAA AP	MAX MIN	71 37	72 39	71 39	72 42	65 45	58 33	64 29	53 37	35 35	68 33	70 50	72 56	66	65 31	72 36	64 53	56 40	53 42	58 41	41 32	34 17	30 11	48 20	57 25	54 42	53 40	59 43	63 42	43 32	32 16	58.0 36.2
PARKERSBURG WB C17Y	MAX MIN	73 37	72 41	72 39	73 41	64	60 34	63 29	53 38	60 35	69 35	71 47	72 57	66 45	66 34	73 36	65 51	57 42	53 43	59 38	41 31	33 19	31 13	50 18	59 24	54 41	55 41	61 42	65 42	44 31	3 1 1 7	58.8
WETRTON	MAX MIN	73 32	69 39	72 44	74 40	64 47	61 43	66 33	55 40	63 37	66 40	72 52	72 52	62 50	65 33	72 32	69 59	62 36	50 35	49 35	42 29	35	30 12	50 22	55 23	50 36	55 41	55 40	60 43	53 30	38 21	58.6 36.5
WELLSBURG 3 NE	MAX MIN	72 27	70 32	70 38	71 32	64 38	58 36	65 24	53 31	60 36	66 29	71 38	72 35	68 47	64 27	71 25	64 32	64 34	53 32	4 8 3 6	51 30	40 21	29 13	48 12	57 15	51 27	53 42	55 40	62 34	59 31	33 22	38.8
WHEELING WARWOOD OM 12	MAX MIN	62 34	73 35	68 41	71 41	71 42	64 41	60 32	62 33	52 39	59 38	67 39	70 39	72 46	68 33	65 33	72 34	66 40	57 40	52 38	60 33	39 23	28 14	30 14	49	51 22	51 42	54 39	58 41	61 33	42 23	58.5 34.2
NORTH CENTRAL 02																																
BELINGTON	MAX MIN	70 27	74 30	74 31	73 29	72 30	64 31	56 22	69 22	60 26	62 24	68 25	70 32	69	68 25	68 25	73 27	62 44	59 43	37 43	65 32	38 25	31 6	31	51 10	62 20	60 41	55 35	64 36	60 27	45 23	61.0
BENSON	MAX MIN																															
BUCKHANNON 2 W	MAX MIN	72 29	72 30	71 31	70 29	64 32	57 35	66 21	58 30	59 24		69 23	69 36	67	25	71 26	64 54	62 41	54 44	60 42	65 31	39 21	29	49	59 17	61	53 40	61 36	62 37	58 28	31 21	59.9 30.8
CLARKSBURG 1	MAX MIN	69 30	70 32	68 33	68 32	68 33	57 30	63	52 29	59 31	66 28	69 34	69 36	66 38	63 28	72 28	63	38 35	53 46	55 41	55 30	41 14	30 12	48 12	58 18	33 38	54 33	58 33	63	29	33 20	58.3 30.2
FAIRMONT	MAX MIN	71 37	70 39	69 48	68 38	63 44	33 40	63 30	48 35	57 32	66 32	70 49	51	66	62 35	73 35	63 55	37 39	52 40	62 41	48 31	39 14	29 12	48 18	60 24	54 42	53 40	59 40	60 40	43 31	31 16	37.6 35.9
GASSAWAY	MAX MIN	74 33	75 36	73 33	72 32	67 35	6 2 30	69 28	61 30	60 29	68 31	71 33	72 35	70 31	69 30	76 29	71 31	65 40	58 46	60	66 33	42 25	32	51 12	56 20	53 41	57 40	63 33	64 35	60 29	38 24	62.6
GI ENVILLE	MAX	68 31	72 33	71 30	70 32	69 34	66 27	57 23	38 23	58 28	60 29	68 30	70 33	72 34	70 21	70 22	75 28	69 42	57 40	56 42	64 34	42 25	30 13	31 12	49 13	58 14	55 38	57 32	61 34	21	45 24	60.4
GRANTSVILLE 2 NW	MAX MIN	70 30	73 32	76 30	75 32	75 31	68 28	68	67 28	30	62	67 32	68 34	72 49	69 27	69 28	75 38	6 B 3 9	59 44	56 44	33	42 23	10	45 18	59 22	54 38	35 39	57 32	34	62 26	47 22	62.9
MANNINGTON 1 N	MAX	73 27	73 40	72 35	71	65 34	30	75 21	64 29	57 34	65 27	72 32	70 32	65 45	74 23	74 21	34	65 34	54 34	55 35	58 32	37	32	49	13	54 32	54 28	59 32	63 32	62 29	36 22	61.3
MIDDLEBOURNE 2 ESE	MAX	72 30	73 33	72 34	72	65 39	60 32	25	52 32	53 25	68 30	70 36	71 36	45	63 28	73 28	65 37	36	53 38	52 42		33	31		58 17	34	55 34	59 34	62 33	48	37	59.3 31.1
MORGANTOWN FAA A1RPORT	MAX MIN	71 35	72 39	69 46	70 37	65 44	54 38	62 29	47 31	57 35	31	70 52	71 32	49	62 34	71 36	33	56 41	53 41	65 43	47 32	14	28 12	49	61 23	57 46	55 43	59 43	64 43	31	32 16	58.3
MORGANTOWN L AND O	MAX	71	72 36	68	70 35	65 39	56 38	32	30	59 34	32	71 41	70 39	69 51	63 34	72 32	65 55	36	55 38	38		21	30 12		61 20	56 35	55 42	39	62 36	35	35 20	59.7 34.3
WFS70N	MAX		75 31	72 32	-	71 32	32	38	67 25	57 29	30	69 29	72 37	70	30	29	73 29	45	59 43	56 44		41 25	29		53 13		53	56 35	59 35	63 30		30.2
WEST UNION	MAX	73 30	74 34	72 33	73 33	67 39	31	24	53 32	31	68	70 37	70 38	48	66 28	73 30	55	37	55 39	43	32	21	31	50 12	17	53 36	56 40	31	63 34	28	22	31.7
* * * * *																																
SOUTHWESTERN 03 CHARLESTON WB AP	MAX	7.5	74	**	7,	=0	40	٠,		41	70	-1	••	70	4.0	•		41	84		4.	4.3	• • • • • • • • • • • • • • • • • • • •					4.9	4.5		12	
CHARLESTON 1	MIN	75 44	76 43	74 41	74	70 43	60 37	71 29	57 40	33	70 33	73 43	71 48		31	74 37	73 58	61	56 46	66 45		19	32		56	54 45	57 40	62 34	65	_	17	61.3
CORTON	MIN	73 37 75	79 40 77	80 36	79 37 74	78 40 70	71 34 62	64 29 71		58 33	61 35 70	72 37 73	73 40 74	73 48 72	73 31 73	73 33	79 39	75 46 66	65 48 57	59 46 59		45 27	34 12 34		57 19		55 39 57	61 35	67	67 30	23	65.2
OLNLOW 5 E	MIN	34	77 37 75	80 32 74	74 31 72	70 36 73	62 30 66	71 26 67	58 32 62	60 34 61	70 30 72	73 34 73	74 36 74	72 31 71	73 28 72	75 29	73 45 73	66 26 65	57 43	59 40 61		47 23	34 7 35		60 17		57 37 59	64 32 65	67 37	57 28		64.0
HAMLIN	MIN	75 49 70	75 48 76	74 49 75	72 40 74	73 45 74	66 36 70	67 32 63		31	72 38 60	73 47 71	74 52 73	71 50 74	72 37 72	77 49 70	73 59	65 41 74	57 43 64	61 42 56		37 20 55	35 8 32		59 27 54		59 36 57	65 35 60	65 50 65	37 32 66	38 17 47	63.5 38.2 64.0
HOGSETT GALLIPOLIS DAM	MIN MAX	70 32 68 35	76 35 74 34	75 30 75 36	74 32 72 35	74 35 73 38	70 27 67 32	63 24 61 31	68 27 63 32	60 31	60 28 62 32	71 29 69 34	73 32 72 36	74 45 73 54	72 26 70 33	70 27 70	77 32 76	74 36 68	64 38 60	56 46 56 45		55 25 47	32 7 32 11		52 52		57 36 53	60 28 58	65 28 63	66 26 65	47 22 46	64.0
HUNTINGTON FED BLDG	MIN	78 41	78 45	36 77 41	35 78 44	38 71 46	32 64 39	31 67 35			32 70 37	34 72 44	36 73 54	54 69 80		70 34 75	76 33 73 60	68 43 63 44	60 42 56 46	45 59 38		47 24 42			52 13 55		53 43 57	58 33 65	63 35 64	65 28 44 33	24	61.8
HUNTINGTON WB AIRPORT	MIN	73	74	73	72	46 70 41	39 60 35			59 30		72	74. 56		71 36 67	75 39	60 74 60		46 55 46	38 60 38		42 24 34	35 16 33 8		55 27 54			65 35 62 30	63 42		19 32 18	62.1 38.4 60.4 35.9
	MIN	36	42	36	39	41	35	29	39	30		51 Refere		47  otes Fo	67 32 ollowin	77 37 ng Stati		61 42 ex	46	38	30	34 19	8	15	21	43	39	30	42	30	18	35.5

See Reference Notes Following Station Index
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Station		1	2	3	4	5	6	7	8	9	10	11	12	12	14		of M		10	10	20	01	00	02	04	05	ac l	07	00	00	20	22	Average
LCGAN	MAX	72	77	_				-					72	72	72	72	77	75	18	19	70	35	35	23	51	25	26 58	60	28	29	30	31	
LONOON LOCKS	MIN	70	40 75	77 35	76 35 73 39	72 35 75 41	73 36 69 37	62 33 62 34	63 33 69 35	52 38 52 36	62 35 59 38	69 35 70 39	72 54 72 40	72 43 71 42	72 33 70 38	72 34 70 37	77 40 75	75 48 75	66 48 63 48	53 48 55 45	70 35 72 56	35 29 45	35 15 32 14	38 13 36	51 15 53	55 26 59	58 38 54	60 35 59	63 34 62	67 32 68	49 26 49		63.2
MAOISON	MIN	71	76 39	39 76	75	73	37 70 33	34 59 29	35 61 31	36 50 35	38 59 35	70 35	40 75 58	72 43	38 71 31	37 69 31	75 38 76	75 48 74	64	53 47	56 66 34	45 52 44 30	33 11	36 14 33 11	53 18 47 15	59 28 57	54 39 57 38	59 36 57	62 38 60	68 33 67	29		63.0 35.7 62.0 32.5
POINT PLEASANT 5 NNE	MIN	74	74	34 73 33	72 36	34 68 37	33 62 27	29 64 23	31 58 34	35 62 30	35 69 29	35 71 41	58 73 41	71 48		31 75 30	36 71 55	45 65 37	55 43	52 41	34 58 30	30 39 22	33	50 11		57 24 55	38 57 37	57 33 63 31	65 36	67 31 55	47 24		
RAVENSWOOD DAM 22	MIN	32 75	37 76	73	36 74 36	37 73 40	67	67 26	34 65 33	30 64 32	70 31	70 37	72 41	72	70 29	30 73 31	72 54	37 66 37	58 46	58	30 52 32	22 42 22	9 36 8	50 12	57 17	55 39 56 46	37 56 41	31 63 34		55 30 61	40 18 45		61.5
RTPLEY	MIN	77	72	35 76 31	76 33	70 33	32 63 26	73 26	33 62 30	32 64 28	72 29	37 75 33	74 36	71 50	72 26	31 72 29	70 51	37 65 36	46 57 44	59 42	32 58 27	42 20	8 35 5	12 52 11	19 56 16	46 55 40	41 59 36	34 55 29	65 42 66 35	61 28 60 23	21 39 20		63.5 33.6 63.2 30.0
SPENCER	MIN	73	73 35	73 39	73	70 30	26 68 29	64 25	60 32	61 28	69	72 38	71 46	66	26 69 30	74 30	70 55	36 64 41	55 45	57 42	27 55 29	20 40 19	33	50 12	16 56 18	54 41	36 57 38	62 34	35 64 34	23 58 33	20 40 20		30.0 61.7 32.7
WAYNE 2	MIN	34	30	34	35	30	29	23	32	28	30	20	*6	•>	30	30	"	41	45	*2	29	19	,	12	18	41	38	34	34	33	20		32.7
WILLIAMSON	MIN	75 40	78 40	78 35	77	75 37	73 37	63	64	56 39	63	73 35	75 35	74 45	72 35	75 37	78 39	76 53	67 50	54	70 35	47 29	36 14	40 15	56 20	59 30	60 38	62 35	66 35	68 32	57 24		65.6 35.1
WINFIELD LOCKS	MIN	69	74 38	75 40	74 39	73 41	69	62	67	57 35	60	70 37	72 41	75 48	70 35	70 35	75 40	75 42	59 42	56 46	61 35	44 24	31	31 13	54	58 26	56 42	58 34	62	66 31			62.2
* * *	MIN	"	,,,	40	,	7.	34		,,	,,			~•		,,	,,	1	72	72		,,	27		• •	20	20	72	-	1	21	25		34.2
CENTRAL 04																																	
ARBOVALE 2	MAX MIN	67	70 26	70 24	68 25	60 27	57 36	66 18	64 24	50 23	65	69 26	65 27			67	63	56 32	56 42	51 43	52 29	33 20	32	39	42 11	55 35	55 33	60 30	54 38	48 31	48 16		56.5 26.4
BAYARO	MAX MIN	63	66	62	64	59 30	55 38	60	56 18	54	60	64	64	61	56 27	64	60	59 36	47 36	54 38	60	35 18	25	43 10	57 15	49	47 35	55 33	56 32	52 30	35 18		54.6
BECKLEY V A HOSPITAL	MAX MIN	68	69	69	68	67	59 31	69	56 35	58	65	70	65	65	67	71 30	67	62	59	65	62	35 21	33	52 10	57	55 43	53	62	60	57 29	36 16		60.0
BECKLEY WB AP	MAX MIN	68	68	68	66	63	57	68	54 38	56 27	63	67	64	64	66	68 45	65	60	52	62	60	35 12	35	50 17	51 35	54 38	51 34	60	59	42 28	52 13		57.5 35.3
BIRCH RIVER 6 55W	MAX MIN																							•				•					
BRANCONVILLE	MAX	64	69 28	69 37	68	68 35	60	· 50 20	61	55 31	55 25	64	72 38	67	63 50	69	69 38	60 58	53 38	50 39	62 30	37	25	26 11	46 15	64	51 40	50 40	59 40	59 32	40		56.8 30.0
BUCKEYE	MAX MIN	69	70 25	71	71 24	65	62 38	66	64	62	66 23	70 27	65 25	65	68	69	67	66	53 39	50 45	59 32	38	36	52	50 15	55 37	54 59	59 28	55 29	52 29	42		59.6 27.4
CANAAN VALLEY	MAX MIN	64 26	65 25	62	65 23	57 28	52 35	62	55 24	55 34	62	62	62 45	58 47	62	62 28	62	56 56	47 36	54 36	52 26	34 14	23	42 13	55 17	47	45	57 32	49	47	32 15		53.5
ELKINS WB AIRPORT	MAX	69 28	74 29	68	68	62 31	55 28	65	58 28	59 25	67	69 30	67 32	65 37	64 26	70 25	64 53	55 43	55 42	64	64 29	39 13	50	51	58 16	56 45	52 58	63 35	58 44	44	30 17		58.6
FLAT TOP	MAX	60	64 32	63	66	66 34	60 34	56 26	66 26	53 35	51 39	61 46	68 39	61	61	61	64 32	62 46	57 42	45 42	58 30	34 24	27	28	49 16	48	49	48	55 30	57 31	39 22		54.6 31.6
HOPEMONT	MAX MIN	70 21	66 29	68 32	64	69 28	65 32	61 25	67 40	68	64 29	48 24	45 30	50 36	56 34	64 34	60 50	54 38	44 56	56 36	58 28	34 18	30	40 16	56 26	52 36	48 42	57 42	53 40	50 30	46 16		55.4 30.9
MC ROSS	MAX MIN	71 30	71 27	72 28	70 27	70 26	61 35	72 20	67 30	58 25	68 26	68 25	68 27	66 50	69 23	69 25	66	65 40	56 40	56 44	60 27	38 21	33	54	53 18	55 42	54 34	61 28	58 43	53 30	34 14		60.5
OAK HILL	MAX MIN	70 32	73 39	72 43	74 34	71 36	70 36	60	72 27	58 30	55 30	68 33	69 37	70 39	68 32	72 32	74 40	71 44	61 43	55 43	63 31	43 26	32 8	35 9	57 16	57 16	56 35	57 30	65 28	61 34	46		61.8
PARSONS 1 SE	MAX MIN		70 32	72 32	67	70 31	62 37	58 26	65 26	53 26	59 27	60 30	69 52	67 35	65 28	65 25	70 34	65 45	55 43	52 41	67 52	40 23	28	28 10	50 14	60	57 41	53 35	63 37	60 35			58.6
PICKENS 1	MAX MIN	70 32	71 34	67 31	67 32	60 34	53 28	68 23	58 30	58 26	65 26	60 32	65 35	62 40	67 26	68 50	60 47	57 39	51 40	61 41	61 28	58 17	28	48 13	56 22	57 46	50 34	62 32	56 45	51 27	28 16		57.3 30.3
RICHW000	MAX MIN	70 34	73 33	70 35	66 50	62 31	57 35	72 22	56 32	63 25	65 26	68 30	66 31	64 52	71 26	68 32	66 46	63 42	59 38	61	62 29	36 21	50	51 11	55 25	63 45	53 37	65 30	58 46	55 30	38 17		60.1
ROWLESBURG 1	MAX MIN	73 32	74 35	72 37	72 33	64 35	56 42	69 28	57 28	61 29	66 32	71 36	69 36	66 50	66 30	72 30	64 51	62 42	55 40	66 42	66 31	40 22	30 11	50 10	63 19	52 34	53 41	64 38	60 36	58 33	54 20		60.8 32.8
SPRUCE KNOB	MAX MIN	67 36	65 37	67 40	62 41	62	59 35	52 32	65 33	68 35	61 37	65 44	65 50	67 50	60 38	6 2 3 5	67 36	60 38	52 38	52 38	58 28	37 22	28 8	32 10	48 25	52 37	47 38	50 35	55 34	60 30	56 22		56.7 34.1
WFB5TER SPRINGS 1 E	MAX MIN	76 40	75 32	76 34	73 32	65 35	62 34	66 26	57 30	56 26	68 28	72 32	69 32	69 52	69 28	71 31	68 49	62 45	54 42	65 45	67 32	40 24	45	42 13	59 22	61	54 40	55 35	62 40	58 29	38 21		61.8
* * *																																	
SOUTHERN 05	s																																
ATHENS CONCORO COLLEGE	MAX MIN	65 35	63 35	65 35	67 35	65 39	62 38	60 26	60 39	57 35	65 26	68 43	65 43	65 92	65 31	68 35	69 51	67 51	62 48	62 48	62 29	35 27	38 9	52 13	54 25	53 42	57 30	59 30	57 47	56 28	45 16		59.5 34.7
BIUEFIELO FAA AIRPORT	MAX MIN	65 46	65 40	65 44	67 43	61 46	58 39	64 38	54 41	54 30	64 40	66 50	64 46	63 50	66 45	68 45	65 55	58 49	52 46	63 47	57 28	33 14	31 8	52 25	55 30	54 39	48 34	62 38	58 42	42 32	34 12		56.9 38.1
BLUESTONE OAM	MAX MIN	64 36	67 34	68 32	69 32	71 33	68 36	63 29	58 30	58 34	60 35	63 32	73 33	68 34	69 32	65 30	72 31	71 49	65 47	55 48	65 36	42 50	36 12	37 13	48 16	52 23	58 40	55 32	60 33	60 36	46 28		60.2 32.2
GARY	MAX MIN	74 36	78 32	76 31	71 31	73 31	68 33	63 26	71 30	53 43	60 34	70 31	72 31	68 34	69 30	75 31	75 30	72 45	63 51	55 49	69 34	45 32	35 10	36 11	56 15	58 24	56 34	56 31	70 31	65 29	46 28		63.2
KCPPERSTON	MAX MIN	71 39	69 37	69 36	69 34	67 36	62 37	62 28	52 39	56 36	61 32	69 34	67 39	64 50	60 31	70 34	70 49	64 48	59 46	65 48	64 31	41 26	31 10	40 14	56 24	54 46	53 35	52 30	63 45	60 31	37 20		59.2 34.8
LFWISBURG 2 SSW	MAX MIN	70 33	70 40	69 33	70 30	65 32	62 38	65 25	64 35	59 28	65 25	69 30	67 30	66 50	68 28	70 29	70 50	66 44	55 44	61 46	59 30	35 21	35 9	50 10	53 22	55 40	54 37	60 31	56 39	54 33	42 17		60.1 32.0

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D	AII	Y	TEN	/PEI	AF	TURES	
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Continu#d																												_	-			-	
Station																Day	of Mo	onth															200
- Jienos		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	26	27	26	29	30 3	31	Am
PINEVILLE	MAX MIN	71 38	73 33	72 30	72	73 31	48 31	62	61 27	48	38 35	64	72 31	68	68 31	6.8	72 31	71 44	43 50	53 48	53 34	42	35	34 10	51 14	56	5 7 3 5	55 33	62	65	46		60.5 30.4
UNTON	MAX MIN	67 32	69	70 29	71	69 30	68 33	63	60 27	58 31	58 27	66 29	74 30	69	68 26	70 27	71 35	70 47	64 47	53 47	63 33	42	36 7	36 11	52 14	55 23	57 38	55 27	63 29	58 31	47 25		40.7
WHITE SULPHUR SPRINGS	MAX MIN	71 26	71 27	71	72 27	68 29	66 39	68	62 32	60 28	67 28	71 27	69 29	69 55	70 26	72 26	71 44	68 47	58 48	64 48	64 33	38 28	36 10	53 10	58 18	56 41	55 40	63	58 36	54 36	43		62.2 31.3
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX MIN	64	66 28	61	68	68 32	59 45	65 26	56 26	65 30	68 30	72 37	73 35	70 48	64 41	68 26	69	49 46	55 45	51 42	53 27	42 24	34 18	53 10	54 16	52 33	57 49	58 41	51 34	52 42	43		59.3 33.0
FRANKLIN 2 NE	MAX MIN	70 28	70 30	64	70	66 33	60 40	74 24	58 30	65 24	71 25	72 32	70 34	44	69 28	73 28	68 45	65 40	59 41	55 42	53 32	35 26	38 10	60 15	56 22	52 37	58 39	63 34	54 33	50 31	36 22		60.7 30.9
HARPERS FERRY NAT MON	MAX MIN	6 1 3 3	67 34	67 39	70 34	73 38	73 37	66	61 32	66 33	69 34	75 40	77 38	73 49	68 44	71 33	70 48	71 44	70 42	61 42	63 40	43 29	40 20	51 17	54 21	57 44	60 48	60 43	51 43	55 41	48 29		63.0 36.7
KEARNEYSVILLE 1 NW	MAX MIN	60 28	63 28	64 34	58 30	67 33	70 47	54 27	64 25	57 32	63	65 37	71 35	75 52	71 43	65 26	66 45	70 40	61 45	56 42	59 41	27	39 18	35 12	49 18	53 39	59 36	58 44	56 37	53 38	50 28		59.2 33.8
KEYSER	MAX MIN																																
MARTINSBURG FAA AP	MAX MIN	63 29	65 30	60 35	67	71 33	55 34	65 27	58 27	64 32	68	73 37	75 35	72 56	65 35	66 28	71 46	62 44	5 8 4 5	48 42	58 27	40 21	36 18	50 12	55 17	57 37	57 47	57 36	50 35	52 31	35 21		59.1 32.5
MA7HIA5	MAX MIN	67 28	65 29	62	68	66 34	57 43	68 24	60 27	67 27	64 25	67 37	70 39	67 48	63 33	71 29	69 44	67 41	58 45	54 41	60 37	39 25	35 8	52 12	54 21	52 41	56 41	58 37	55 35	50 34	36 23		59.2 32.2
MOOREFIELO MCNEILL	MAX MIN																																
OMPS	MAX MIN	59 29	60 29	63 34	5 8 30	66 34	69 46	52 32	65 29	56 30	62 38	66 40	71 42	72 53	69 46	62 29	67 31	68 45	61 44	55 41	60 38	42 25	32 17	32 12	50 18	54 20	53 39	55 45	56 33	55 39	4.8 2.6	ŀ	57.9 33.8
PETER5BURG	MAX MIN	67 28	67 30	67 29	70 29	67 34	61 46	67 24	63 28	65 25	70 25	72 37	73 38	71 58	66 35	73 27	70 53	70 47	62 48	57 41	66 39	43 26	39 15	59 12	54 20	52 39	60 45	58 38	62 31	53 38	53 24		62.6 33.6
PTEOMONT	MAX MIN	64 35	65 36	66 44	64 39	69 39	65 42	55 38	68 32	59 34	65 36	67 40	74 49	72 54	68 41	67 40	72 50	66 40	57 40	56 40	58 34	40 24	26 14	30 16	54 28	54 35	52 41	54 40	58 42	56 36	46 26		58.9 36.8
ROMNEY 3 NNE	MAX MIN	66 28	66 30	62 32	69	68 32	62 47	67	57 23	65 27	70 28	73 35	73 32	70 43	66 36	72 25	69 46	69 43	58 45	53 43	54 35	43 23	35 16	55 9	58 16	50 39	58 47	60 43	58 34	55 39	44 27		60.8 32.7
WARDENSVILLE R M FARM	MAX MIN	61 34	66 30	66 31	61	69 34	68 42		70 25	57 29	65	70 30	71 33	73	70 35	68 27	74 33	70 44	62 45	59 43	64 40	45 27	38 11	37 12	57 16	57 23	54 41	58 40	58 32	57 36	50 28		61.2 31.6

## EVAPORATION AND WIND

Slation																	Day	Of M	onth															la la
Siation			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
NORTH CENTRAL	02																																	
SUTTON RESERVOIR		EVAP W1N0															.05 26	• 05 20	.00	•11 57				98	56	25	11	77	45	26	67	37		1215
SOUTHERN	05																																	
BLUESTONE DAM		EVAP WINO MAX MIN	05 25 57 40	32 59	59	30 58	30 58	47 56	.12 49 58 35	40	27 48	27 50	25 52	36 59	47 57	64	55	.05 36 56 36	56	62	12 55		.08 51 46 35	64 35 31		38	32 41 31	.10 57 50 38	.05 48 53 39	37 50	50	46		1.558 1173 53.6 38.6
* * * NORTHEASTERN	06																																	
WARDENSVILLE R M FA	R	EVAP WIND MAX MIN	.07 16 60 40	61	16	19 56	10	.03 95 60 43		.24 44 60 39	49	61	59	10	60	101	62	•06 19 60 38	:	:	:	:	:	:	:	:	:	:	:	:	:	:		:

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UNDRED UNTINGTON FED BLDG UNTINGTON WB AIRPORT AEGER RELAND ANE LEW EARNEYSVILLE 1 NW ERWIT EYSER	4393 (4393 (4478 (4559 (4763 (4816 (4836 (	TANETZEL  CABELL  NAYNE  MAYNE   6 6 9 1	39 41 38 25 38 22 37 28 38 49 39 06 39 23 37 50 39 26 37 45	80 27 82 27 82 33 81 49 80 28 80 25 77 53 82 24 78 59 81 34		MID MID 8A 5P		C HJ	MFGRS. LT. + MT. CO. CORPS OF ENGINEERS U. S. WEATHER BUREAU MAS RUTH L. SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EDWARD H. BOMEN POTOMAC STATE COLLEGE MOPE NATURAL GAS CO.	WHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	9554 01 9605 01 9610 01	5 GREENBRIER 3 CLAY 3 MINGO 3 MINGO 3 PUTNAM	7 37 48 4 38 28 1 37 40 1 37 40 4 38 32	80 18 80 52 82 17 82 17 81 55	1914 1143 673 659 571	ва	7A 8A 8A 7A 7A	н	JAMES A. TERRY MRS. JOYCE S. BUTC NORFOLK + WESTERN MRS. WILMA E. ROBE CORPS OF ENGINEERS	
AKE LYNN EWISBURG 2 SSW INDSIDE IVERPOOL OCKNEY OGAN OMOON LOCKS ADISON AMNINGTON I N AMNINGTON I W	5224 (5284 (5323 (5353 (5355 (5553 (5552) (5	MONONGALIA GREENBRIER MONROE JACKSON GILMER LOGAN KANAWHA BOONE MARION	7 1 8 5 3 4 4	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 -80 28 80 40 81 32 80 58 82 00 81 22 81 49 80 21 80 22	900 2185 2000 665 720 664 623 675 975	5P 8A 7A 8A 6P	74 59 84 74 84 69 74	C H H	WEST PENN POWER CO. RAGIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UIT HOPE NATURAL GAS CO. COY E. MARSMALL CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST										

DRAINAGE CODE: 1-BIG SANDY 2-CHEAT 3-GUYANDOT 4-KANAWHA 5-LITTLE KANAWHA 6-MONONGAHELA 7-NEW 8-OHIO 9-POTOMAC 10-TYGART 11-YOUGHIOGHENY

#### REFERENCE NOTES

Additional information regarding the climate of Weat Virginia may be obtained by writing to the Weather Bureau State Climatologist, Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26506, or to any Weather Bureau Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this builetin are: Temperature in \*F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negat departures of average daily temperatures from 65 \*F. In "Supplemental Data" table directions entered in figures are tens of degrees.

OBSERVATION TIME: The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "Snowfall and Snow on Ground" table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T. Data in the "Extremes" table, "Daily Precipitation" table, "Daily Temperature" table, "Evaporation and Wind" table, and snowfall in the "Snowfall and Snow on Ground" table, when published, are for the 24 hours ending at time of observation.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" table, Max and Min in "Evaporation and Wind" table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently, occasional drifting and other causes of local variability in the snowpack may result in apparent inconsistencies in the record.

SNOWFALL: Entries of snowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include snow and sleet. Entries of snow on ground include snow, sleet, and ice,

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office,

SEASONAL TABLES: Monthly and seasonal anowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July issue of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index.

  No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ## Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- \* Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing: if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month,

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin,
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table.
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

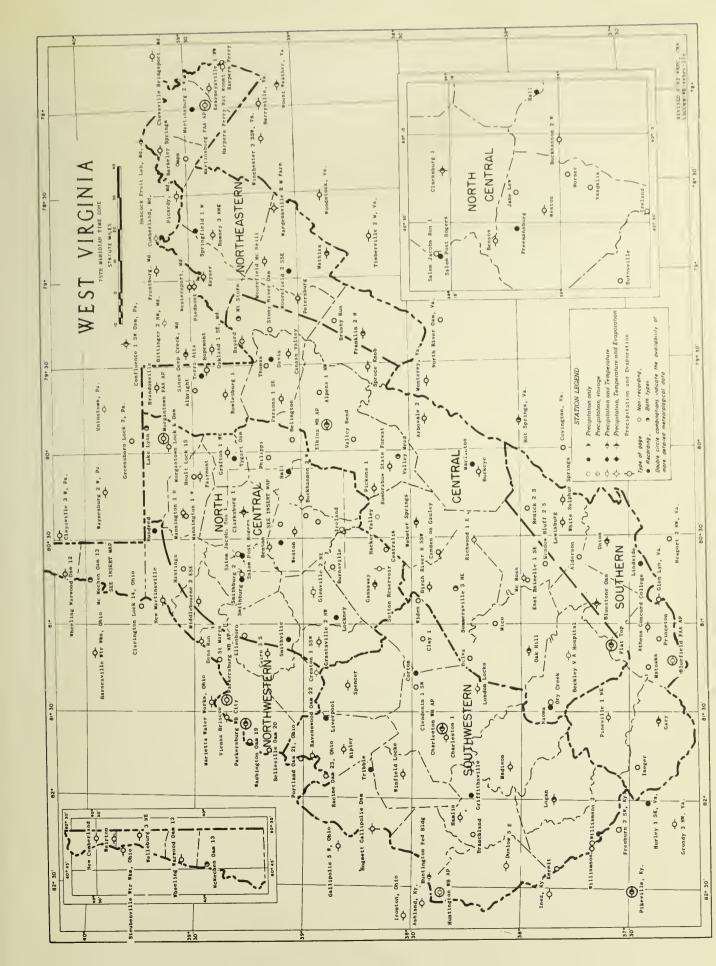
Stationa appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U, S, for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Covernment Printing Office, Washington, D. C. 20402.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1855 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C.-1/11/65-750









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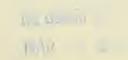
# U. S. DEPARTMENT OF COMMERCE JOHN T. CONNOR, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

## CLIMATOLOGICAL DATA

## WEST VIRGINIA

DECEMBER 1964
Volume 72 No. 12





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#### WEST VIRGINIA - DECEMBER 1964

#### SPECIAL WEATHER SUMMARY

This December was mild and damp. The State shared in the general thaw prevalent throughout the northeastern United States the latter half of the month. Holiday skiers were disappointed as the snow cover melted from the slopes. Record high temperatures, ranging up to the high sixties and low seventies, were recorded at many stations on the 24th and 25th.

Although precipitation totals for the month were generally average, most of it fell as rain. Most stations had some measurable form of precipitation on at least 15 days. Snowfall over most of the State, excluding the more northern mountain areas, totaled only 1 to 2 inches. Cloudiness was heavier than usual. Parkersburg measured 22 percent of possible hours of sunshine; the monthly average is 29 percent.

Robert O. Weedfall Weather Bureau State Climatologist Agricultural Engineering Building West Virginia University Morgantown, West Virginia 26506

			Ter	mper	aturo											Preci	pitation					
			7					96		No. of				2	þe		Sno	w. Slout		-		Days
Station	Average Maximum Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days		Below	Mileson and Mileso		Total	Departure From Norma	Greatest De	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
NORTHWESTERN 01																						
BENS RUN 1 SSE CATRO 3 S CRESTON 1 SSW MCUNDSVILLE NEW CUMBERLANO	45.5 24.5 48.8 27.8 46.1 24.9 48.1 28.0 44.3 27.9	38.3 35.5 38.1	= .3 3.4 .7 2.6	70 69	24 26 25		20 20 20 20 20 20 20 20 20 20 20 20 20 2	819	0	1 4 2	23 21 24 18 20	0 2 0	4.85 4.47 4.77 4.38 4.06	1.60 1.35 1.42	1.49 1.26 1.20 1.04	12	1.0 T 1.5	7	224	111 6		2 1 2 1 0
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY R WEIRTON WELLSBURG 3 NE	48.3 28.7 46.5 29.9 46.6 30.0 44.8 28.1 45.4 26.3	38.5 38.2 38.3 36.5 35.9	3.7 2.5 2.9	70 70 70 67 68	24 24 24	1		814 821 822 878 896		5 5	21 19 18 22 22	00000	4.67 4.06 4.03 4.25 4.56	1.33	1.40 .79 .82 .82	12	• 7 7 • 7 3 • 8 1 • 5	1 1		9	3 4 6	0 0 0
WHEELING WARWOOD DM 12	43.5 26.4	35.0	1.8	68	25	10	204	924	O	5	21	0	4.44	1.87	1.24	12	2.0	2	20	10	2	1
OIVISION		36,9	2,5										4.41	1.51			1.3					
NORTH CENTRAL 02																						
BFLINGTON BENSON	45.5 23.6	34.6		67		- 1	19	935	0		24	2	4.57		. 73		6.5	4	1	14	4	0
BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	48.8 27.9 47.0 26.8 45.2 28.0	38.4 36.9 36.6	3.5 3.6 2.0		25	-		819 865 872	0	5	20 22 22	0	4.96 4.11 4.46	1.27 1.08 1.29	.84 .81	12	3.4 1.0 1.8	3 1 1	17	11	3	0 0
GASSAWAY GLENVILLE GRANTSVILLE 2 NW MANNINGTON 1 N MIOOLEBOURNE 2 ESE	51.0 28.5 47.2 24.8 48.5 26.3 48.0 26.3 48.1 27.6	39.8 36.0 37.4 37.2 37.9	- ,6 3,8	71 71 72 70	25 25 24	-	19	775 892 848 857 833	0	3	21	0 0 1 0	3.86 3.70 4.94 5.18 4.79	.21 1.69 1.85	.77 .95 1.55 1.20	12	7 7 2.0	1 1 1	18+	11 11 10 11		0 0 2 2 1
MORGANTOWN FAA AIRPORT MORGANTOWN L AND D WESTON WEST UNION	44.5 27.0 47.9 27.5 46.3 27.2 49.0 28.0	35.8 37.7 36.8 38.5	. 9	68 68	25 25+ 25	6	19	898 836	000	7 2 6	23 20 21	0000	4.30 4.69 5.18 5.20	1.79	.91 1.20 .98 1.30	12 12 4	1.0 1.5 5.7 1.5	1 1 7	1	9	3	0 1 0 2
OIVISION		37.2	2.2										4.61	1.23			2.0					
* * * SOUTHWESTERN 03																						
CHARLESTON WB AP R CHARLESTON 1 CORTON DUNLOW 5 E HAMLIN	48.6 29.8 48.8 28.3 51.3 28.6 49.7 29.4 48.2M 26.3I	39.2 38.6 40.0 39.6 37.3M	2.1	73 75 79 73 74	25 24 24	1	19	810 769 780	0 0 0	3 1 1	20 21 20 19 21	00000	3.14 3.21 3.79 4.92 3.83	11	.79 .78 .77 1.01	3	• 9 • 2 • 0	1 2 0	2+	8 9 10 11	3 4 3	0 0 0 1 0
HOGSETT GALLIPOLIS OAM HUNTINGTON FED BLOG HUNTINGTON WB AIRPORT LCGAN LONGON LOCKS	46.6 27.0 48.7 32.5 48.4 30.4 48.7 28.3 49.3 29.4	36.8 40.6 39.4 38.5 39.4	2.0 2.0		24 24 25	11	18 19•	865 749 786 816 788	0 0 0	3	22 16 19 20 18	00000	4.00 3.82 3.90 3.31 3.82	1.15 .83 1.09	1.22 .78 .79 .86	11 11 12	1 + 1 1 • 0 7	1 1 7		7 8 9 8 13	2 3 2 1 3	2 0 0 0
MAOISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER	48.0 27.2 48.8 28.4 50.9 30.9 50.3 29.5 50.5 29.9	37.6 38.6 40.9 39.9M 40.2	4.4 4.1	74 71 71 73 72	25 • 24	3 4 4 3	19	842 811 739 761 759	0000	2 2 2	21 22 15 17 20	00000	3.46 3.87 3.92 4.79 3.71	1.10	.73 1.12 1.23 1.20 1.05	12 12 12 12	1.5 .6 T 1.0	1 7 7 1	18+	11 9 7 12 7	2 3 2 4 3	0 1 2 1 1
WAYNE 2 WILLIAMSON WINFIELD LOCKS	50.1 29.0 47.8 28.5	39.6 38.2	1.0	75 74		6	19	781 825	0	2 4	20	0	4.65 3.95	1.43	1.00		• O	0		10	4 3	1
OIVISION		39.1	2.2										3,89	.87			• 5					
CENTRAL 04  ARROVALE 2  BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 55W	44.8 23.2 44.3 21.8 48.8 27.1 45.6 27.9	34.0 33.1 38.0 36.8	3,4 3,4	60 68 67	25 o 24	- 4 1 0	19	952 982 834 868	0 0 0	3	25 26 21 23	2 0 1 0	3.78 3.91 3.21 3.41	1.01 .46 .02	.85 .56 1.05 .88	18	4.5 7.0 5.0 1.4	2 3 7 3	20+ 18+ 20+ 1		3 2 2 2	0 0 1 0
BRANDONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	41.9 21.8 45.9 22.7 41.8 22.5 46.7 23.7 42.1 24.4	31.9 34.3 32.2 35.2 33.3	2.2	65	25	- 3 -10 - 4	16 19 19	1022 945 1010 914 979	00000	7 5	24 24 24 23 24	2 0 1 1 1 1	4.07 3.59 4.31 3.39 4.06	•31 •71	.95 .90 .74 .69	12 12 3	3.0 5.0 10.0 5.7 6.0	2 6 4 3	2+	10 12 13 11	3 2 1 2 2	0 0 0 0 1
HCPEMONT MC ROSS OAK HILL PARSONS 1 SE PICKENS 1	M 47.5 23.5 48.6 26.4 44.2 23.9 45.9 24.6	35.5 37.5 34.1 35.3		62 68 72 67 63	31+ 24 25 25	- 8 - 3 1 0	19 19 19	906 845 953 918	00000	3 2 5	24 23 25 21	1 0 1 1	3.99 3.46 4.18 6.27		.99 .81 .84	12 12 12	3.0 4.0 4.7 22.0	5 2 5 8	1 1 1	11 12 12 17	3 1 2 3	0000
RICHWOOO RCWLESBURG 1 SPRUCE KNOB WE8STER SPRINGS 1 E	48.0 27.4 46.6 26.6 43.4 24.2 49.2 27.1	37.7 36.6 33.8 38.2		68 65	24 25 27 24	- 2 1 2 2	19 19 19	839 873 958 824	0000	2 3 6	20	0 0	3.78 6.97 2.96 3.96		1.05 .44 1.07	4	6.0 7.1 15.0 9.5	6 4 6	1 1 1 1	18 12 10	5 0 2	1 0 1
OIVISION		35.1	2.9										4.08	•42			7.0					
				1																		

#### Continued

				Ter	npera	ature										:	Preci	pitation					
										N	o. of	Days						Snor	w, Sleet		N	o. of 1	Days
Station	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or 'X	32° or Bolow	Below P	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
SCLTHERN 05																							
ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE DAM GARY //R KOPPERSTON	48.8 46.5 44.6 49.5 48.8	27.0 29.4 25.9 26.1 29.2	37.9 38.0 35.3 37.8 39.0	1.1	66 66 71 72 69	24 25 25	3 5 6 5 6	194	833 831 913 834 797	0 0	4	21 23 22	00000	3.01 2.94 2.54 2.79 4.12	25	.93 .93 .87 1.37	12 12 12	2.1 .1 2.0 1.0		1 9• 1 1	6 9 6 8 10	2 1 1	
LEWISBURG 2 SSW PINEVILLE UNION WHITE SLLPHUR SPRINGS	46.8 47.1 45.6 49.3	25.2 25.0 23.7 25.7	36.0 36.1 34.7 37.5	1.3 3.6	65 72 66 70	25 25	1 5 3 1	19 20 19 19	892 889 931 842	0	5	23 23 25 22	0000	2.77 3.48 2.66 3.43	.18	1.00 1.20 .77 1.00	12	1.5 T 3.1 5.0	1 1 2	21 d 20 d 1		2	1 0 1
OTVISION  * * *  NORTHEASTERN 06			36.9	1.7										3,08	. 28			1.7					
BERKELEY SPRINGS FRANKIIN 2 NE HARPERS FERRY NAT MCN KEARNEYSVILLE 1 NW KEYSFR	43.6 49.0 46.1 42.3	25.9 26.6 29.3 27.3	34.8 37.8 37.7 34.8	2	62 66 70 67	26 25	15 11	19	931 838 840 929	0	1		0000	2.42 1.94 2.63 2.54		.61 .42 .69	27	.2 T .0		21	5 8 6 8	3 0 2 1	0000
MARTINSBURG FAA AP MATHIAS MCOREFIELD MCNEILL	44.2	25.7 26.4 22.6	35.0 36.7 32.6	.7	66	26	2	19	923 870	0	2	20		2.48 1.75 2.19		.50 .43	12	• 2		1 1	6	0	0
OMPS PETERSBURG	42.6	26.1	37.2	1.6	67		4	19	855				0	2.02		.52		1.0		i	8	1	ő
PIEDMONT ROMNFY 3 NNE WARDENSVILLE R M FARM	43.3 46.4 45.1	24.8 26.0 24.4	34.1 36.2 34.8	1.9	63	31+		19 19 19	952 886 930	0	3		0	1.80 1.83 2.30		.38	124	1.0		20.	8	000	0 0 0
CIVISION			35.6	1.5										2.17	09			• 6					

#### TEMPERATURE AND PRECIPITATION EXTREMES

HIGHEST TEMPERATURE: 79° ON THE 24TH AT CORTON

LOWEST TEMPERATURE: -10° ON THE 19TH AT CANAAN VALLEY

GREATEST TOTAL PRECIPITATION: 6.97 INCHES AT ROWLESBURG 1

LEAST TOTAL PRECIPITATION: 1.75 INCHES AT MATHIAS

GREATEST ONE-DAY PRECIPITATION: 1.60 INCHES ON THE 12TH AT WASHINGTON DAM 19

GREATEST REPORTED TOTAL SNOWFALL: 22.0 INCHES AT PICKENS 1

GREATEST REPORTED DEPTH OF SNOW ON GROUND: 11 INCHES ON THE 1ST AT ALPENA 1 NW

																														DECEM		
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of M	onth 15	16	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
NORTHWESTERN 01			-1	3		3 ]	-	-	0 1		10		-	13 ]			10	**	- 10	10	20	-	1			~				20	~	
BELLEVILLE DAM 20 BENS RUN 1 SSF CAIRO 3 S CRESTON 1 SSW ELLENBORO	4.12 4.85 4.47 4.77 4.23	.12		.82 .80	1.10 1.14 .39 1.11 1.18	.04 .11 7 .08	T T T		.03 .01 T	.03 .04 .03 .0A		.19	1.49 1.49 1.26 1.20	.02 .04 .11 .05	.07			7 •01 •27 7	.27 .28 .11 .3A	Ť	.07 .08 T	.02		,01	7	.24 .18 .2A	.21 .29 .20 .70	.15 .32 .43 .43	.0A .07 .04 .06	т	.0A .03 .08 .09	.03
MC MECHEN DAM 13 MOUNOSVILLE NEW CUMBERLAND NEW MARTINSVILLE PARKERSBURD FAA AP	4.16 4.38 4.0A 4.67 4.06	T T	•1A	.25 .63 .67 .81	.A7 .46 .74 .53	.15 .05	T	T	*11 *03	.01	т	.56	1.32 1.04 .65 1.40 .72	.05 .12 .12 .05	.16	Ť	т	.05 .15 .05 .28	.12 .04	.01	.16 .27 .07 .22	T		Ť 7	T	.08 .05 .39 .20	.20 .25 .32 .19	.25 .45 .18 .44	.03		.08 T .03	.04
PARKERSHURG WR CITY R ST MARYS HASHINOTON OAM 19 WEIRTON WELLSOURG 3 NE	4.36 4.25 4.56	т	.16	.73 .24 .A2 .61	1.10	.12 T	T .03	T - T	.05 T T	.04 T	T	.75 .A3	.02 1.60 .65 .71	.03	.09 T	T _	7 -	•17 •01 •12 •12	.15 T	.05	.00	.02	٠	T - 02	7	.23	.22	.10	16 T	-	.04 .14 .10	
WHEELING WARWOOD OM 12	4.44	.02		. 24	.80	.07	.03	7	T	1		.10	1.2	.07	.12	7		.01	.18		.14	*			Ť	.08	.49	. 34	.52			.09
NORTH CENTRAL 02  8ELINOTON 8ENSON 8UCKHANNON 2 W BURNSVILLE CENTRALIA 2 NNW	4.57 4.94 3.81 4.30	.03	<u> </u>	.13 .72 .06	.73 .84 1.02	.12	.21 .12 T	.06 T	T .02	.07 .07 .15	Ť	.00	.8-	.02	.08	T T	I	• 33	.32	*01 *	.14 .1A .12 .10	.06	•	Ť	Ţ	.17 - .27 .30 .12	.10	.40 .20	.03	7	.30	.01
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRANTSVILLE 2 NW	4.11 4.46 3.86 3.70 4.94		.12		.27 .26 .59 .88 1.53	7 .02 .25 .11 .03	T T .06 .20	Ť	* 02 •02	,11 7			.81 .88 .77 .95	T .05 .02	.02 .10 .08			.41 .39 .17 T	.01 .02 .07 .35	T •04 T	.11 .12 .20 .12	.02		7		.19 .17 .30 .18	.20 .36 .25 .27 .33	.70 .88 .13 .45	7 7 .02		.18 .08 .18 .11	.04
MASTINGS MORNER MOULT LOCK 13 IRELAND JANE LEW LAKE LYNN	5.63 3.53 4.53 4.87 3.74	.06	T	.55	.93 .37 .80 1.06 .54	.13	.03 .25 .03 .32 .04	.04 T	*05 T	.04 .02 .10 .03	.02	.05	.95 1.13 .90 .96	· 10	.04	T	т	.26 .25 .32 .22	.18	.10	.22 .15 .15 .40 .06	7			T	.24 .28 .09 .20 .27	.29 .27 .21 .30 .50	.77 .74 .35 .27	.03		.08 .09 .1	.06 .07 .09
MANNINGTON 1 N MANNINGTON 1 W M100LE80URNE 2 ESE MORGANIOWN FAA AIRPORT MORBANIOWN L AND 0 PMILIPPI	5.18 5.51 4.79 4.30	.08	.03	.80 .19 .80 .60	.45 .82 .68 .25	.26 .27 T	.02	Ţ	.05 .01 .02 .05	.03 .02 .02 T		.01 .27 .43	1.20 1.56 1.25 .91 1.20	.06 .16 .09 .10	.02 .02 T	T T	7	.25 .25 .37	.15 .10 .02	.01 .08	.08 .17 .09 .08	T .02	т	T	T .02	.10 .12 .20 .15	.32 .02 .20 .30	1.00 1.56 .46 .90	.14 .01 .02	.17	.05 .06 .06 .04	.03
PMILIPPI SUITON RESERVOIR VANDALIA WESTON WEST UNION	3.69 4.33 5.18	.15	T 7	.03	.90 .60 .98	.28 .06 .32	.04 .07 .07	.04	7 T •04	.14	Ť	.01 .08 .02	.74 .92 .94	.15 T .19	.10 .11 .10	T T	7	.25 T	.05	.04	.16	.01	Ť			.12 .15 .27 .29	.26	.40 .28 .62	.02	Ť	.15 .19 .21	.01 .04
SOUTHWESTERN 03  BRANCHLAND CMARLESTON W8 AP CMARLESTON 1 CLAY 1	3.14 5.21	.03	.04	.15 .79 .22	.93 .18 .78	.15 .05 .02	TTT	.01 T	*09 T	.12 T	•01 T	.0a .15	.80 .52 .67	.08	.05	Ť		•22	.3ª T	.06	.02	.13 T		т		.43 .14 .12	.32	.62 .39 .51	.07	T T	.03	
CLENOÉNIN 1 SW  CORTON OUNLOW 5 E HAMLIN MOSSETT GALLIPOLIS DAM	3.79 3.79 4.92 3.83 4.00	.10 T		.04 .77 1.01 .25 .13	1.04 .52 .25 .85 1.17	.17 .02 .09	.04 T	.07 T	* <sup>03</sup>	.11 .17 .10	.12	.02 .10 .80	.64 .73 .86	.07 .05 .12 .03	.06			.20 .27	.05	.24	.20 .30 .15 .12	.03				.14 .39 .45	.27 .40 .58 .22	.40 .50 .85 .66	.10 .01 .05 .02	T .01	*00 T T T	
MUNTINGTON FEO BLOG MUNTINGTON WB AIRPORT KERNIT LOGAN LOCKS MAQ13ON	3.82 3.90 3.31 3.82 5.46	.04	.09	.06 .65 .34 .14	.67 .32 .47 .72	.01	.09	7 - 1 03	.09	7 -06 -11 -12	.ºº1	.78 .79 T	.63 .86 .56	.03 .05 T	.05	†	- T	.17	.22	.05 .04	.04	T .12		•	.10	.28 .52 .56 .34	.33	.32 .33 .10 .75	T .02 .05 .15	•	T .05	-
POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WAYNE 2	3.87 3.92 4.79 5.71	7 .03		.71 .16 .60	.56 1.21 .60 .88	7 •04 •07	.06 T .01	T 7	•01 T -	.07 .08 .10 T	.01 T 7	.08	1.12 1.23 1.20 1.05	.03 .10 .02	.05 .02 .03	Ţ		*14 7 *17 *02	.02 .22 .03 .27	I	.11 .05 .11 .03	Ţ		•		.53 .25 .11	.15 .16 .13 .46	.20 .47 .68 .57	.02 .05 .04 T		.10 .08	;12
W10EN W1LL1AMSON W1LL1AMSON 2 W1NFIELO LOCKS	4.20 4.65 3.27 3.95	, 29		.12 .70 .44 .10	.52 1.00 .43 .93	.06	.08	.05	T •07	.13	.10	• 05	.70 .80 .85 1.25	.07	.17 .03 .03		7		.36 .20 .23 .31	T •23	.16	•02				.21 .50 .30 .24	.38 .37 .30 .17	.39 .30 .24 .58	.05	.08	.02 .02	
CENTRAL 04  ALBRIGHT ALPENA 1 NW ARBOVALE 2  BAYARO BECKLEY V A MOSPITAL	5.10 5.58 5.78 3.91 5.21	.08 .95 .10 .21	T •05	.15 .15 .07 .13	.89 .65 .64 .48	.28 .25 .31 .31	.15 .02 .17	.22 .03	T T T	.06 .15 .04		.04	.85 .66 .85 .55	.22 .05 .18 T	.19 .28 .15 .21	T	7	•01	.48 .60 .02 .56	.03	.23 .21 .22 .13	•03 T			. 05	.11 .55 .30 .35	.17 .08	.73 .35 .54 .39	.13 .10		. 15	.37
BECKLEY WB AP BELVA BIRCH RIVER 6 35W BRANDONVILLE BUCKEYE	3.41 5.51 4.07 3.59	7 .10 .08 .10	-01	.13	.21 .54 .85	.16	T .16	7 T .05	.06 T	.05 .07	7	.35 .24 T	.88 .30 .95	.08 .08 T	.10	Ť	7 -	.22 T	.05 .22 .56	.12 T	.11	T .		•	- T	.15 .18 .23	.52	.10 .29 .43 .33	T T T		.05	
CAMOEN ON BAULEY CANAAN VALLEY ORY CREEK EAST RAINELLE 3 NME ELKINS WB AIRPORT	3.99 4.31 3.69 3.68 5.39	.33 .09 .06 .31	т	.03 .47 .25 .17	.60 .44 .60 .56	.25 .30 .09 .15	.21 .12 .13 .27	.03 T .10 T	T T	.08 .12 .03 .05	T	.05	.71 .74 .88 .82 .56	.10 .04 .09 .10	.12 .09 .06 .08	Ť		.28	.55 .24 .19 .27	.01 .01 .05	.25 .35 .21 .10	†03 †		Ť		.15 .37 .27 .20	.10 .18 .51	.26 .20 .36 .49	.01 .01 .02		.12	.03
FLAT TOP MACKER VALLEY MICO HOPEMONT HOROSS	4.06 4.63 5.17 3.99	.19		.10	.20 .74 .48	.12	.09 .22 .22	.02 .03 T		.13			1.14 .84 .78	.38 .11 .14	.08 .25 .02 .15	* <sup>01</sup>	.01	. 23	.42 .45 .29 .66	·01	.24 .23 .11 .20 .25	.08 .07 .01				.08 .22 .11	.09 .31 .02 .39 .62	.75 .23 .40 .52	.02 .12 .09 .13 7	T	.01 .18	.03 .07 .05 .08
MT STORM OAK MILL PARSONS 1 SE PICKENS 1 RICHWOOD	2.69 3.46 4.18 6.27 3.78	.42	T T T	.05 .22 .21 .16 .72	.71 .90 .19	.26	.19	.02	.01 T	.02	T		.42 .81 .84 .79	.03 .06 .01 .20		T T	7	T T •18	.20 .20 .49 .78	T •02 •20	.07 .17 .20 .34	.13	T		T	.31 .11 .40 .20	.02 .31 .21 .06	.39 .19 .32 .49	.10		.33	.08
ROMLESBURG 1 5 PRUCE KNOB STONY RIVER OAM SUMMERSVILLE THOMAS VALLEY BENO	6.97 2.96 D 3.260 3.00 4.62	.07	T T	.55 T .10 .16 .11	1.05 .35 .54 .64 .55	.70 .17 .35	.15 .08 .04	7 .08 .06	.05	.10 .30 .08 .04 .07	T	Ť	.95 .44 .44 1.01 .64	.17 .10 .10	.16	†	7	Т	.70 .04 .55	.08	.16	.05				.25 .25 .24 .28 .44	.23 .18 .23 .22	.60 .30 .40 .22 .41	.17 .06 .08 T		.08	.12
VALLEY MEAD VALLEY MEAD WEBSTER SPRINGS 1 E	4.18	.30	Ť	.07	.58	.110	.25	.03	Ť	.17			1.07	.09	.11				.44	.04	.20	.04				•47	.11	.32	.03		.18	.20
												See ref	erence	notes foli		Station	Index.					1									I	

## DAILY PRECIPITATION

Continued																															EMBER	
24-12	lal													Day	of N	Ionth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SOUTHERN 05				ĺ																												
ALOERSON ATMENS CONCORO COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE OAM GARY //R	3.52 3.01 2.94 2.54 2.79	T .09	T	.24 .32 .20 .08	.27 .06 .10 .16	.12 .09 .03	.14 T .06 .06	Ť	T •05	.11 .23 T .07	т	•15	.05 .93 .93 .87 1.37	•04 •15	.01			.08 .14		* 02 T	.03 .18 .11 .18	.18 T			T	.54 .57 .34 .25	.61	.08 .02	T T .0T		.01 T .03	T
1AEGER KOPPERSTON Lew198urg 2 59w Matoaka Pineville	3.38 4.12 2.77 4.53 3.48	.39 .04	T	.20 .70 .26 .35	.48 .25 .16	.16 e	.15 .03 .11 .22	T		.08 .03 .05		• 03 T • 01 • 50	1.13	-14	.08			.20 .03	.27	т	.30 .29 .25 .30	.68 T		Ť		.15 .34		.70 .18 .13 .85	.52		.03 .09 .05	.22
PRINCETON REMICK 2 5 UNION WHITE SULPHUR SPRINGS	2.93 3.92 2.66 3.43	.07	٢	.17 T .18	.09 .74 .13 .23	.20 .02 .24	.14 .02 .10	T		.10 .17 .03		.10	.76 .97 .77 1.00	.21 .06	.01				.13 T		.13 .17 .28 .32	Т			.12	.41 .42 .24 .27		.94 .40 .60 .66		Ť	Ť	T .05
NORTHEASTERN 06  BERKELEY SPRINGS  BRUSHY RUN FRANKLIN 2 NE MARPERS FERRY MARPERS FERRY NAT MON	2.42 1.85 1.94 2.42 2.63	.10		*14 T	.67 .19 .18 .27	.08 .28 .19 .20	.09 .33 .42 .40		Ť	Ť		* 03 T	.60 .14 .32 .34	.08 .22		T		T .02	T		.02 T T .10	• 02			Ť	.12 .08 .18	. 05	.55 .55 .30 .16	.05 .16		.03 .04 .03	Ť
KEARNEYSVILLE 1 NW KEYSER MARTINSBURG FAA AP MATMIAS MOOREFIELO MCNEILL	2.54 2.48 1.75	-10	-	.02 .36 .12	.43 .36 .40	.27	.23 T	-		- T		.14	.50 .43	•	† •	; ;	-	.03 T	I -	7	.09	· ·	•			.10 .10	.02 .17 .09	.23	•	•	.01	•
OMPS PETERSOURO Pleomont Romney 3 nme Wardensville R M Farm	2.19 2.02 1.80 1.83 2.30	.07	.10	T .01 T	.28 .10 .35 .15	.30 .42 .20 .38	.13 .26 .01 .26 .26			• 02		т	.48 .29 .48 .38	•10 •15					Ť	Ŧ	T .05 T				Ť	.22	.19	.35 .52 .30 .25	† 10		*05	т

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Station		1	2	3	4	5	8	7	в	9	10	11	12	13	14	Day 15	of M	onth 17	18	19	20	21	22	23	24	25	28	27	28	29	30	31	verage
• • •		-			i						-	L		-											-				-				-Y
NORTHWESTERN 01																																	
BENS RUN 1 SSE	MAX	33	30	41	52 37	66	41 28	31 16	34 16	38 31	38	45 19	56	58 30	56 23	45	27 13	52 13	51 11	19	37	38	36 22	45 29	59 42	71 45	56 37	58 35	37 31	35 31	62	64	45.5
CAIRO 3 S	MAX	33	39	46	67	56 33	34	34 20	42	40	49	53 35	58 45	55	46	42	52	51	44	30	39	37	42	59	72	58	57	54 31	38	62	64	60	48.8
CRESTON 1 S5W	MAX	29	30	40	50	64	45	35	34	42	41	51 16	55 46	53	55 23	47 19	32	52	42 12	20	38	38	40	42	60 38	66 53	70 54	56 34	38	36 31	65 31	64	46.1
MCUN05VILLE	MAX MIN	29	41	47	64	61	36 26	34 14	38 22	40 30	47	51 33	60 48	56 34	45 27	43 17	50 13	48	42 12	31 6	36 26	36 28	40	56 30	69	69	58 38	50 34	37 30	59 31	64	55 33	48.1
NEW CUMBERLAND	MAX MIN	28	36 21	38 32	48	46 32	35 25	32 13	36 29	36 29	44	50 33	55 48	53 35	44 25	40 15	47 14	48 32	33 11	28	35 24	34 26	37 20	52 34	69 50	65 42	55 39	43	34 28	55 27	61	57 34	44.3
NEW MARTINSVILLE	MAX MIN	29	41	47 35	64	62 35	36 24	35 16	37 28	39 31	46	55 36	58 41	55 32	45 25	43 18	51 15	48 31	40 12	29 7	40 22	35 30	40 25	57 31	69 52	70 43	56 39	50 34	37 26	61	63 42	58 31	48.3 28.7
PARKERSBURG FAA AP	MAX MIN	26 8	42 25	51 38	66	46 29	31 21	34 21	39 29	39 29	48 23	56 43	58 43	54 31	45 27	28 19	50 17	50 28	28 11	30	37 30	37 26	41 26	60 34	70 57	68	61 42	42 33	34 31	61 34	64 39	45 33	46.5
PARKERSBURG W8 C1TY	MAX MIN	29 12	43 24	53 39	68	45 28	30 24	33 22	40 29	39 29	46	56 44	58 43	55 33	45 28	29 18	51 18	49 25	25 9	30 10	38 30	39 27	41 27	60 35	70 56	68 42	57 41	41 33	35 31	60 34	64 37	47 33	46.6
WETRTON	MAX MIN	29 10	37 20	42 31	53 37	52 30	32 23	32 16	34 27	36 29	45	57 38	55 48	55 33	44 25	37 14	45 15	49 28	30 10	28	33 24	32 26	37 23	52 35	67 51	66 41	53 42	53 31	33 27	55 27	61 48	54 32	44.8
WELLSBURG 3 NE	MAX MIN	26 12	38 18	38 31	53 36	55 33	34 24	32 11	36 28	38 27	47	5 2 3 0	56 43	55 30	43 24	41 16	49 11	46 33	34 12	27	35 24	34 26	38 18	54 31	68 42	66 42	54 37	46 33	35 29	56 29	63 36	58 32	45.4
WHEFLING WARWOOD OM 12	MAX	29 11	27 12	40 25	46	62 39	41 27	32 15	33 18	36 30	39	48	53 38	57 35	54 28	18	28 16	49 18	46 12	10	34 10	35 27	35 22	42 33	59 42	68 47	47 45	54 34	37 29	33 29	58 32	62 35	43.5
NORTH CENTRAL 02																																	
BELINGTON	MAX MIN	26 9	25 8	43 22	37	67 42	26	17	18	28	16	17	58 47	57		16	11		10		- 1				60 32	66 52	58 38	36	37	35 25	63 26	58 33	45.5
BENSON	MAX																																
BUCKHANNON 2 W	MAX	5	11	51 35	67	59 36	36 24	19	39 25 40	37	53 17 47	60 37 56	56 49	28	50 26	37 18	10	50 42	10	33 - 2	28	33 28	21	57 28 59	68	68 46	62 36	54 34	35	28	58 35	32	48.8
CLARKSBURG 1 FAIRMONT	MAX	8	42 20 40	52 36 52	48	55 32 54	34 22 30	31 21 31	29	21	17	37	35	57 29 56	43 25 43	31 14 29	50 10 50	50 29	30 6 26	2 29	39 29	35 24 34	42 21 39		69 52 67	71 36 65	58 36 58	35	36 30 33	31	59 59	26	47.0 26.8
GASSAWAY	MAX	24 10 27	19	36	65 49 70	30	19	18	27	25	52	42	55 43 61	32	26	15	14	26 53	9	32	36 29 38	25	25	31	52 70	41	41	33	30	61 29 65	38	29	45.2 28.0 51.0
GLENVILLE	MAX MIN MAX	3 25	18	33	45 52	38	27	20	19	32	18	39	47 60	31	25 59	20	11	37 52	12	5	29	29	24	28	63	49 71	38	37	34	31	34	31 63	28.5
GRANTSVILLE 2 NW	MIN	28	36	22	39	41	29	22	20	28	18	17	41	60	23 67	21 57	10	10	14	3 20	40	30	23		39	47	38	32	33	32	31	33	24.8
MANNINGTON 1 N	MIN	27	19	33	39	63	20	31	33	17 37	18	26	45 56	30 56	22	20	11	24	11	30	12	30	23	29	43 70	46 65	38	37 53	15	32	36 62	30 59	26.3
M100LEBOURNE 2 ESE	MIN	5 26	12	32 49	66	38 63	25 36	14 36	25 38	39	13	30 53	40 58	28 56	23 45	17 39	50	38	11 37	- 1 34	25	27 36	38	27 59	70	63	37 58	35 51	37	30 61	33	30 59	26.3
MORGANTOWN FAA AIRPORT	MIN	3 21	17	34 52	65	34 53	29 29	16 28	29 34	31 36	47	27 55	45 54	31 55	23 40	17 28	47	37 48	11 26	5 28		27 34	38		45 67	43 68	34 63	35 41	31	32 59	37 59	28 42	27.6
MORGANTOWN L AND D	MIN	25	20	35 48	65	29 57	16 36	33	26 37	40	50	52	39 55	58	25	41	12 50	25 50	38	29	28 39	38	25		54 68	43 68	60	31 53	37	26 60	37 60	26 57	27.0
WESTON	MIN	27	27	30 45	52	34 69	27	31	32	42	39	35 54	60	62	55	18	30	38 50	50	18	39	38	36	45	60	70	36 57	35 58	30	28 36	65	60	27.5
WEST UNION	MIN	27		49	67		37	33	40	30	49	54	57	55	45	19	51	12	48			35	45	58	70		39 58	53	33	62	62	60	49.0
	MIN	4	16	33	47	36	23	21	23	30	17	36	45	31	22	18	11	42	11	3	28	22	28	30	47	43	36	35	31	32	38	29	28.0
SOUTHWESTERN 03																																	
CHARLESTON W8 AP	MAX MIN	25	46 24	53 36	68	52 30	30 21	34 19	41 26	40 26	54 21	63	58 39	58 34	45 29	33	52 14	54 30	30 10		40 31	37	44 29		73 58	70 46	60 45	45 34		64 28	63	45	48.6
CHARLESTON 1	MAX MIN	28	32 12	47 31	52 45	69	43	34 19	38	43	42	58 26	58 51	62	59 29	48	36 15	55 17	55	23	40 11	39	41 28	46	63	75 49	58 41	60	39 34	37 29	68 29	65	29.8 48.8 28.3
CORTON	MAX MIN	28	41	51 32	70	69	41	34 16	43	52 32	55	60	58 43	60	45 23	43	43	45	45 12	36	40	39	46	52	79 41	73 48	58 39	56 36	38	66	63	60	51.3 28.6
OLNEOW 5 E	MAX MIN	28	45	51 38	69	45	36 25	35 14	41	41 26	51 27	63	61	58 37	45	40 15	53	51 42	47 7	33	38	37	43	62	73	68	62	45	36 30	64	62	58	49.7
HAML1N	MAX MIN	28	30	47	52 40	68	42	33	38	42	58 29	57	60 50	56 32		47	35 11	54	52 12	22	39	38	40	49	64	74	57	61	37	37	66	64	48.2
HOGSETT GALLIPOLIS OAM		29 7	29	43	52 41	68 42	43	30 20	36 19	42	40	47 24	55	59 32	54 29	47	33	52 15	51 13	20	37	40	41	46	63	73	56 40	57	36 32	36 31	65	65	46.6
HUNTINGTON FEO BLOG	MAX MIN	31 15	47 27	53 39	68 48	48 31	32	37	41	42 30	53 26	55 47	59 42	54 37	45	35 22	51 19	50	26 11		38	39	43	63	73	71	58	42	39	64	66	51 33	48.7
HUNTINGTON WE AIRPORT	MAX MIN	27	44 25	52 37	70 50	50 31	35 28	38	41	40 28	52	57 44	60		46	33		51	28	31		38	44	64	75 56	67	61	40	37	63	66	46 30	48.4
													nce N	otes Fol	llowing				,						- 1			,				- 1	

## DAILY TEMPERATURES

Continued												_						111													ECEM	BER :	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of Mo	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
LOGAN	MAX	28	32	45	51	71	44	33	38	43	40	56	66	59	60	48	37	52	50	23	40	40	44	47	62	75	64	61	40	41	60	61	48.7
LONDON LOCKS	MIN	34	32	31 42	52	71	47	33	18	27	44	50	52 64	38 59	61	24	33	16	16 52	33	11	30 40	29	33 48	62	75	61	39 64	35 42	40	29 61	36 64	28.3
MADISON	MIN	27	9 33	30 47	52	47 69	30 49	19	19 35	29 42	26	26 58	66	57	30 58	26 45	19	19 51	19 56	20	41	33	28	33 46	38 60	74	60	40 61	35 38	33	32 58	38 61	29.4
POINT PLEASANT 5 NNE	MIN	30	40	32 51	67	64	33	18	18	39	46	50	52 58	38	26 47	43	15 50	50	14 37	29	41	30 41	41	33 62	71	70	42 56	37 48	35 35	19	29 65	29 60	27.2
RAVENSWOOD OAM 22	MAX	30	43	35 52	68	32 64	40	35	25 42	31 42	50	55	58	57	25 52	18	11 51	37 51	48	31	43	40	40	30 60	71	71	38 59	32 53	30 36	28 60	43 65	28 64	28.4 50.9
RIPLEY	MIN	32	42	37 51	69	36 60	25 37	35	43	33	51	55	60	53	25 47	25 42	53	42 51	50	5 31	38	36 40	35 43	36 60	73	47 68	37 57	35 45	32 36	32 64	42 66	64	30.9 50.3
SPENCER	MIN	28	21	33 52	67	35 64	39	32	42	38	51	40 59	59	30 57	21 46	18	52	52	49	31	38	37	30 42	33 60	72	70	37 63	33 54	30 35	28 64	63	62	29.5 50.5
WAYNE 2	MIN	3	21	35	48	35	25	20	20	32	22	44	50	30	25	17	20	43	9	4	28	29	23	31	54	45	42	34	30	31	48	29	29.9
WILLIAMSON	MIN	30	35	50	52	72	44	34	40	45	47	56	61	62	61	49	38	56	51	24	38	40	45	47	65	75	68	62	40	40	64	63	50.1
WINFIELD LOCKS	MIN	29	31	32 48	53	68	31 45	32	19 37	28 43	41	53	53	59	28 55	25 47	33	53	53	9 21	40	39	39	34 48	63	74	45 56	40 59	35 38	30	31 66	37 65	29.0
	MIN	11	8	30	45	43	30	22	21	35	24	24	47	37	30	22	17	16	15	8	6	32	27	33	46	49	40	36	34	31	30	34	28.5
CFNTRAL 04																																	
ARBOVALF 2	MAX	23	38	43	57	55	42	39	35	38	42	45	55	54	47	38	38	43	41	30	40	30	43	41	55	60	60	54	41	56	54	53	44.8
BAYARO	MIN	20	38	30 45	38 51	41 54	35	24	36	34	39	31 56	52	53	27 51	33	41	25 45	43	45	20 36	30	38	20 46	60	60	36 58	39 54	37	26 51	28	28 53	23.2
BFCKLEY V A HOSPITAL	MAX	25	45	28 51	66	32 59	34	32	9	39	49	61	39 58	63	47	35	51 51	55	26 48	32	9 37	36	40	23 56	35 68	39 65	30 62	35 55	36	20 61	28 54	29 52	21.8
BFCKLEY WB AP	MIN	24	12	37 51	64	33 51	22	31	38	28 39	43	58	45 57	57	39	31	49	25 52	8 30	34	29 36	33	39	28 54	48 67	62	50	50	30	26 59	46 52	29 49	27.1 45.6
BIRCH RIVER 6 55W	MIN	3	18	37	51	28	16	10	22	26	30	36	43	29	23	15	23	29	2	1	27	25	26	32	52	48	50	30	29	32	45	27	27.9
BRANCONVILLE	MIN	23	21	38	51	62	40	28	29	33	36	47	55	55	55	39	21	48	45	13	36	34	34	40	58	66	53	57	37		57	57	41.9
BUCKEYE	MIN	11	9 37	21 40	38	40 58	22 45	33	16	27 41	43	16	37 57	54	22 52	39	42	12 45	8 45	- 3 32	40	26 35	18	40	38 52	62	33 59	34 59	28	24 52	27 55	31 55	45.9
CANAAN VALLEY	MIN	11	10 35	25 43	60	40 55	25 32	20	11	30	39	30 51	50	32 52	50	30	40	9 43	10	33	33	27	16 36	23	29 55	35 55	34 56	43 52	34 35	25 51	27 50	26 50	41.8
EIKIN5 WB AIRPORT	MIN	22	45	30 50	65	30 56	18	30	15 39	36	48	29 57	42 56	59	40	32	50	30 51	30	-10 34	39	21	44	29 54	40 65	43 65	41 62	35 50	35	20 62	35 59	25 44	22.5
FLAT TOP	MIN	23	15 30	35 39	55	32 60	17 47	15	21	17 35	37	40	30 54	52	27 55	10 36	27	30 45	50	14	28 36	36	31	40	39 54	63	33 58	33 59	30 40	32	34 54	23 50	42.1
HOPEMONT	MIN	5	6	28	38	46	22	10	11	20	19	27	42 54	32 56	21 53	16 35	14	21 43	14	31	9 34	25 32	18	30 37	40 55	62	46 51	39 57	38	26 59	28 62	28 62	24.4
Mc ROSS	MIN	25	40	41	62	61	36	31	38	40	44	55	46 56	59	20 59	40	44	16 47	6 48	- 8 31	35	34	16	25 46	35 68	51 66	39 60	38 58	35	61	25 59	28 54	47.5
OAK HILL	MIN	3 3 9	10	30 50	57	33 67	20	44	43	27 40	18	34 50	47 62	31 59	61	15 49	31	50	5 52	19	38	23 38	19 36	26 44	34 57	72	42 64	31 62	39	36	29 65	27 57	48.6
PARSONS 1 SE	MIN	25	20	29 42	41	42 59	24	27	9 30	25 40	36	32 50	59	56	26 59	19	19 43	25 47	10	1 14	14 38	29 35	25 35	30 45	36 50	67	49 55	38 62	40	30 55	32 53	31 48	26.4
PICKENS 1	MIN	12	6 43	20 49	34 62	43 57	25 32	26	17 35	29 35	16	17 56	48 53	32 58	27 36	17 31	10	10	11	37	10 39	28 36	44	27 52	30 63	61	35 59	39 51	32	25 58	26 53	30 51	23.9
RiCHWOOD	MIN	7 24	7	36 46	66	31 59	18 35	30	15 38	19 39	43	33 56	35 55	58	53	11 36	10	37 50	5 48	- 5 37	27 37	25 36	41	28 53	67	65	61	33 57	36	26 60	33 55	27 54	24.6
Rowi ESBURG 1	MIN	12	9 40	37 42	46 56	34 56	38	31	17 37	29 37	43	38 58	53	30 58	23 50	16 38	13	30 48	7 48	- 2 28	30 39	36	42	30 43	40 66	49 68	45 58	36 52	30	28 54	35 58	34 57	27.4
5PRUCE KNOB	MIN	13	9 27	32 39	58	36 58	53	30	21 35	29 40	16 35	31 44	43 51	34 52	28 53	36	9 25	35 41	10	1 17	25 35	29 34	30	28	37 52	57	35 55	36 65	32 45	40	34 57	33 57	26.6
WEBSTER SPRINGS 1 E	MIN	23	8 42	25 53	35 68	45 61	36	30	8 42	21 38	49	31 61	61	38 57	21 58	37	50	21 57	40	28	15 32	20 37	47	28 57	35 70	48 68	63	57	30	29 49	33 58	57	49.2
	MIN	13	13	36	45	35	25	18	18	31	22	40	49	34	27	17	14	14	10	2	12	18	23	30	41	49	41	36	33	27	35	33	27.1
SOUTHERN 05																																	
ATHENS CONCORO COLLEGE		24	43	53	64	62	33	32	39	38	45	57	55		45	39	46	54	52			36	41	51	62	66	64	58	48	61	59	53	48.8
BILIEFIEID FAA AIRPORT	MIN	26	13	39 55	40 64	33 54	22	30	22 39	28	26 43	37 56	40 55	55	34	19 30	18	29 52	9 34	37	39	26 36	24	34 54	66	60	61	30 52	36	59	51	29 54	27.0
BI UFSTONE DAM	MIN	30	23	40 37	54 42		17 49	13	24 37	28 43	32 42	37 48	46 58	60	23 54	18	26 34	34 47	5	22	29 34	26 39	37	34	53	48 71	52 64	30 62	28	40	46	28 55	29.4
GARY	MIN	15	12	25	34 55	40 69	29	17 31	18 37	18	45	22 54	37 65	38 59	29 61	24 45	15 34	15 55	21 57	21	6	32 40	23 46	28	29 58	36 72	42 67	46 65	35 43	31 40	30 67	28 57	49.5
KCPPERSTON	MIN	9 25	9	30 48	40 65	58	28 36	32	14	17 38	51	23 63	42 56	34 57	28 45	24	14	15 50	20 51	5 40	8 41	30 41	26 42	28 56	32 69	48 67	60	56	34	27 49	55	33 55	26.1
LFW1SBURG 2 55W	MIN	10	17	33	64	36 59	25	14	19	31	25 48	41 56	48		26 48	20 37	16	29	10	6 34	32 40	30	26 40	29 43	43 65	60	60	36 57	33 40	27 51	39 53	30 52	29.2
	MIN	8	14	28		36	23	13	14	28		32		35		18	10	23	9	i		26	19	25	33	50	44	37			30		25.2

| 28 | 20 | 32 | 38 | 35 | 24 | 18 | 10 | 2:
| See Reference Notes Following Station Index | - 156 | -

Continued																Davi	of Mo	with									-						8
Station																																	Y
		1	2	3	4	5	6	7	9	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	~
INFVILIE	MAX MIN	29 10	28 10	40 26	35	68 41	49	31 14	34 16	42 16	41 21	52 21	65 35	60 35	61 28	44 25		52 13	47	20	40 5	40 32	43 26	43 30	58 31	72 35	65 37	59 41	49 35	40 31	59 29	51 31	47. 25.
UNION	MAX	28	27	41	61 34	65	52	29 13	35 14	40 17	41	49	58 40	59 31	59 24	42 19	33 15	49 14	54 13	19	33 5	37 28	31 19	41 25	48	66 41	65 43	62 46		39 24	50 25	56 29	45. 23.
HITE SULPHUR SPRINGS	MAX MIN		38 13	40	65		57 26		42	41	47 17	59 34	60 35		55 27	39 20		54 21	46 12	32 1	38 23	36 29	42 21	44 25	70 31		40	57 42		54 25	54 29	54 30	49.
NORTHEASTERN 06																																	
BERKELEY SPRINGS	MAX MIN		32 21	35 26	41	48	42		37 16	40		57 23		45		42	39		41 17			36 16		37 22				54 37			62	61 37	43. 25.
FRANKLIN 2 NE	MAX MIN	27 14	45 15	50 34	55	55 41	44	33	39 17	42	46	51 34	60			39 19	41	53 25	46	34	43 25	33 29	50 20	48	62 35	63	66 35	59 43			62 31		49.
HARPERS FFRRY NAT MON	MAX MIN	34	32 22	39 30	43	44	45 32	35	41 18	44	42	53 34	59 48		56 31	56 24	38 18	47	42		35 25	33 19	40	40 32	45	70 44	65 42	56 40		43	61	58 38	46.
CFARNEYSVILLE 1 NW	MAX MIN	30	29 18	31 28	37 35	42 38	43 33		32 17	41	40	40 28	54 48		56 29	46	29 12	37	46		3 1 2 1	33 17	34 27	40	37 32	61	67 37		50 35	42 22	41 27	62 36	42. 27.
CFYSER	MAX MIN																																
MARTINSHURG FAA AP	MAX MIN	29 18	33 21	36 29		37	39 28	31 18	40	41	41		58 34	59 34		37 13	38		40 16			35 21		37	46 32			56 37		43 23	64 28	56 29	44.
MATHEAS	MAX MIN		41	49	49		42		38 15	3 8 2 9		56 33	58 48		51 22		38		52 14		39 25	35 27		47 27				48		44 23	62 34		47.
MOOREFIELD MCNEILL	MAX MIN																																
DMPS	MAX MIN	38	32 16	33 27	35 30	41	48		30 16	3 9 2 1	39 16	40 16	57 32		53 29	47 21		40 13	44 15	39 8	32 9	36 10	32 14	39 16	40	57 35	65 35	60 45			41 26	60 28	42.
PF7ER5BURG	MAX MIN	30 17	43 15	45 29	44	53 36	46 30	32 14	41 18	43 31	39 16	57 17	63	64 27	59 29	42 21	42 11	56 36	54 15	28	39 24	37 30	45	40 25	50 33	61	67 29	62 43		44 26	62 30	62 36	48.
PIEOMONŤ	MAX MIN	26 14	27 16	36 24	46	58 38	48 28	28 16	30 18	36 29	39	38	54 27	60 35	59 28	44 15	26 12	45 18	50 10	20	39 10	38	34 23	46 30	40	58 36	59 36	65 44		3 2 25		61 32	43. 24.
ROMNEY 3 NNE	MAX MIN	29 19	32 16	36 25	43		43	33 18	40	30	38	59 23	60 48		56 27	41 21	39	45 24	43 17	29	3 8 2 3	38			51 32	59 34	60 33	57 41	57 38	55 22	63 28	63 38	46.
WARDENSVILLE R M FARM	MAX MIN	29	28 16	42		45	48			40 19		46	59 46		63	46	30 12		54 19	21	34	38			41	65	65	67		44		65	45.

## SUPPLEMENTAL DATA

-	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	eragea -		Numl	per of d	ays with	ргесір	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	EA5	TERN 5T	ANDARD 1 PM	TIME 7 PM	Trace	6010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
SECKLEY WS AIRPORT	15	7	10.5	41++	28	26	81	85	71	76	6	5	9	2	0	0	22	_	7.4
CHARLESTON W8 AIRPORT	22	8	7.1	32++	26	25	77	80	66	70	6	9	6	2	0	0	23	-	7.8
ELKINS WE AIRPORT	30	7	6.9	32++	14	27+	88	89	71	83	4	9	9	2	0	0	24	_	8.3
HUNTINGTON W8 AIRPORT	18	10	6.5	26++	26	25+	81	85	73	73	6	8	7	2	0	0	23	-	7.6
PARKERSBURG W8 CITY	-	-	7.1	27	W	30	-	-	-	-	9	5	6	3	0	0	23	22	-

																Day	of m	onth												L C LINE	BER I	704
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NORTHWESTERN 01 CRESTON 1 SSW	SNOWFALL SN ON GND						т												т	т												
NEW MARTINSVILLF	SNOWFALL SN ON GNO		1						0.5									т			0.2	т	Т									
RAPKERSBURG FAA AR	SNOWFALL SN ON GNO	, T	т			т	T	т	T					т		т		т	т	Ŧ								т	т			
RARKERSBURG WB CITY	SNOWFALL SN ON GNO	т	т				T	T	T							Т		0.2	T	0.5 T								т	т			
WEIRTON	SNOWFALL SN ON GNO	T	т	3.0 T			0.3 T	T	T									T	T		0.5 T	т							T			
WHEELING WARWOOD OM 12	SNOWEALL SN ON GNO	0.5		т.			T	Ť	T	T									T		1.5		T	т								
NORTH CENTRAL 02 BURNSVILLE	SNOWFALL SN ON GNO	1.0	3	т			T												1.0	1	Ţ											
GLENVILLE	SNOWFALL SN ON GNO															۰				i												
MANNINGTON 1 N	SNOWEALL SN ON GNO	1	1				T		T T							т			1.0	т	1.0 T							İ				
MORGANTOWN FAA AIRRORT	SNOWFALL SN ON GNO	т 1	1			т	0 . Z		0.3 T	Ť				т	т	т		т	T 1	0.5	T								T			
SOUTHWESTERN 03																																
CHARLESTON WB AR	SNOWEALL SN ON GNO WTR EOUIV	1	T 1	T		T	T	T	0.7							Т		T	T	0.2									1	1		
CLAY 1	SNOWEALL SN ON GNO	:	-																													
HUNTINGTON WB AIRPORT	SNOWEALL SN ON GND WTR EOUIV		Ť			T	1.1	1	T	Т						T			T	Т	Ť							Т				
MAD150N	SNOWEALL SN ON GNO	1.9	т							T															1							
WINFIELO LOCKS	SNOWFALL SN ON GNO	1	т																		Т	Т										
CENTRAL 04																																
ARROVALE 2	SNOWEALL SN ON GNO	1	1				T		T	1.5											2.0	T										
CAMOEN ON GAULEY	SNOWEALL SN ON GND SNOWEALL	3	3	2	Т		T	1.0	T	0.5 T					1.0	T	т		3.0	2	1.0	2		1								
ELKINS WB AIRRORT	SN ON GND	4	2	1		т	Т	0.1	Т	1	Т			0.5	T	Т		0.4	1.5	1	T	T	Т						T			
EERING WY WINNOW!	SN ON GND	4	3				T	i		.1	T				Ť	Ť	T		.1	2	T	т	T	Т					Ť			
FLAT TOR	SNOWFALL SN ON GND	3.0					T	T	т	2.0	Т				T				T	т	1.0		T	т					1			
MC ROSS	SNOWEALL SN ON GND			Т			7	T		1.0	T					Ť	т		1.0	T	1.0		т	т								
OAK HILL	SNOWEALL SN ON GND	2						1.0											1.0									i				
ROWLESBURG 1	SNOWFALL SN ON GND	4	3	1			T	Ť	T	Ţ	Т				Ť	T	0.1 T		2		2		T	т				1				
SPRUCE KNOB	SNOWEALL SN ON GND	6		1			2.0		1	3.0						T			1.0		1.0								1			
SOUTHERN 05 BLUEEIELO FAA AIRRORT	SNOWFALL	т				т	т		0.1					т					т	т.	т											
BLUESTONE DAM	SN ON GNO	1.0					т	т		1	T								T	т	1.0											
LEWISBURG 2 SSW	SNOWEALL		1	T			т			1.0									Т		0.5					ŀ						
RINEVILLE	SNOWEALL	Т	,							T									Ţ	Ţ	Ţ	T										
WHITE SULRHUR SRRINGS	SN ON GND	3.0	T	T						0.5									T	Ť	1.5		т	T								
NORTHEASTERN 06	JA JA GNU																															
BRUSHY RUN	SNOWEALL SN ON GND	1.3	т							T									T		T											
MARTINSBURG EAA AP	SNOWEALL SN ON GND						т								т	T				T	Ţ	т										
MATHIAS	SNOWEALL SN ON GNO									Т											0.2											
RIEOMONT	SNOWFALL SN ON GNO	Т													Ì				Ť		0.5 T											

				Te	mper	ature											Preci	pitation					
										N	lo. of	Days						Sno	w. Sleet		24	o, of	Doye
Siation	A verage Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Mere A		Min S	1 5	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	50 or More	1.00 or More
APRIL 1964 GRANTSVILLE 2 NW	69.6	40.0	54.8		88	23	18	1	314	0	0	8	0	4.77		1.16	21	•0	0		14	2	1
* * * JULY 1964 BENS RUN 1 55E	86.4M	60.8M	73.6M	- 2.7	106	23	50	5	1	14	0	0	0	3.17	- 1.23	. 85	4	•0	0		5	4	
AUGUST 1964 BENS RUN 1 SSE	82.4M	55.4M	68.9M	- 6.0	93	3	43	14	27	1	0	0	0	5,42	• 90	2.01	5	*0	0		5		

### DAILY PRECIPITATION

														Day	of M	onth			_	-	-	_								_		_
Station	Total							_																								
	H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
APRIL 1964																																
EAST RAINELLE 3 NNE GRANTSVILLE 2 NW	2.69		T •46	.10	•17	.12	.07	.17	.60 .10	.07				•02	.25	.20	.02 .01			.15	.55 .21	1.16	.39			.04		.10	.13	.07	•12 •17	
MAY 1964																																
EAST RAINELLE 3 NNE	1.46													.08	.10	.13		.03	.03							. 72	:		.05	.32		
# # # JUNE 1964																																
MC MECHEN DAM 13	5,34	.17	.26		•10	.12	.05	.28	• 32					Ť		. 90	1.00			.47	.04	.35	1.07	,	.2	ı						
JULY 1964																																
BENS RUN 1 SSE	3.17				.85					.61	.51		.03	.75			.40														.02	
AUGUST 1964																																
BENS RUN 1 SSE	5.42			2.01	.73	.02						.57					.02								1,6	ı	,46	6				

### DAILY TEMPERATURES

Station															Day	of Mo	nth															rage
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
* * * M	A.X IN																															
APRIL 1964 M	A.X IN																															
GRANTSVILLE 2 NW M	AX 40 IN 18					56 27	70 46	72 48	78 43	47 35	68 24	63 31	70 35	75 48	75 47	70 48	65 28	77 38	86 49	80 53	66 54	82 54	88 54	77 41	75 49	73 37	80 42	74 50	68 50	72 44		69.6 40.0
• • • M	A.X IN																															
JULY 1964 M	AX IN																															
BENS RUN 1 SSE M	AX 91 IN 64					80 53	83 53	82 57	81 63		83 61	87 62	71 62	77 54	80 53	84 57	86 64	90 62	89 64	90 66	}	91 64	106 64	95 63		90 67	91 67	93 66	92 59	91 57	80 52	86.4 60.8
* * * M																															ĺ	
	AX IN																															
	AX 88 IN 54					85 57	82 54	89 58	81 52		87 60	70 51	70 50	72 43	78 49	80 46	83 60	83 52	75 47	79 49			89 53	83 56		86 60	76 55	84 57	89 63	58 67		82.4 55.4

STATION	K NO.	COUNTY	AGE 1	LATITUDE	TUDE	ELEVATION	T	SER'	AN		OBSERVER	CTLTION	, ON	NOIS		AGE 1	TUDE	TUDE	NOLL		SERV IME TABI	AND		
SIATION	INDEX	COUNTY	DRAINA	LAT	LONGITUD	ELEV	TEMP.	PRECIP.	EVAP.	SPECIAL ALE ROTE!	OBSERVER	STATION	INDEX	DIVISI	COUNTY	DRAINA	LATITUDE	LONGITUDE	ELEVATION	TEMP.	PRECUP.	EVAP.	SPECIAL ARE ROTES	OBSERVER
ALBRIGHT ALDERSOH ALPENA 1 NW ARBOVALE 2 ATHEMS COMMORD COLLEGE BAYARD BECKLEY WA HOSPITAL BECKLEY WB AP BELLINGTOH BELLEVILLE DAH 20	0102 0 0143 0 0249 0 035S 0 0527 0 0580 0 0582 0	PRESTON HONROE RANDOLPH POCAHONTAS HERCER AGRANT RALEIGH RALEIGH WOOD	7 2 7 7 7 7 10	39 29 37 44 38 55 38 26 37 25 39 16 37 47 37 47 39 02 39 09	79 36 80 36 79 40 79 49 81 01 79 22 81 11 81 07 79 56 81 45	1219 1555 3020 2730 2600 2375 2330 2504 1679 600	3P 5P 6P H1D 7A	7A 8A MED		н	MONONGAHELA POWER CO.  RASSIE L. SIMS  OMER S. SHITH  HRS. NETTIE R. SHEETS  CONCORO COLLEGE  HOWARD R. FULK  V. A. MOSPITAL  U. S. WEATHER BUREAU  GEORGE R. HILLYARD  CORPS OF ENGINEERS	HARLINTON MARTINSBURG FAA AP MARTINSBURG 2 W MATHIAS MATOAKA HC MECHEN OAM 13 MC ROSS MIOOLEBOURE 2 ESE MOOREFIELD 2 SSE MOOREFIELD 4 CASE	570 571 573 574 584 587 596 616	7 00 9 00 7 00 7 00 3 00 3 00	4 POCAMONTAS 6 BERKELEY 6 BERKELEY 6 MAROY 5 MERCER 1 MARSHALL 4 GREENBRIER 2 TYLER 6 HAROY 6 HAROY	9 9 7 8 4 6 9	36 13 39 24 39 26 36 52 37 25 39 59 37 59 39 29 39 02 39 09	80 05 77 59 78 00 78 S2 81 15 80 44 80 45 80 52 78 58 78 54	2150 537 535 162S 2580 655 2445 750 830	6P 4P 7P	6P 7A 7A 4P 7P	0	н	CECIL A. CURRY FEO. AVIATION AGENCY FEO. AVIATION AGENCY VIRGIL L. MATHIAS RAY B. THOMPSON CORPS OF ENGINEERS RUSSELL D. AMICK JOHN W. CRUMRINE MRS. ZELLA H. VETTER HRS. JOHN W. SAVILLE
BELVA BENSONN 1 SSE BERKELEY SPRINGS BIRCH RIVER 6 SSW BLUEFIELD FAA AIRPORT BLUESTONE OAM BRANCHLAND BRANCHLY RUN	0679 0 0687 0 0710 0 0844 0 0921 0 0939 0 1075 0 1083 0	HICHOLAS HARRISON TYLER HORGAN HICHOLAS HORGAN LINCOLH PRESTON PENOLETON	10 8 9 4 7 7 3 2	36 14 39 09 39 28 39 37 36 25 37 18 37 39 36 13 39 40 38 50	81 12 80 33 81 06 78 14 80 47 81 13 80 53 82 12 79 37 79 15	748 1080 644 640 1885 2805 1388 600 1798 1375	6P 6P HID 8A	6P MID	6 A	н	RAYHONO E. PHILLIPS CLARKSBURG WATER BOARO FMC CORPORATION H. W. RUPPENTHAL. 111 SOUTHEASTERN GAS CO- FEO. AVIATION AGENCY CORPS OF ENGINEERS BERYL L. WINTERS YERL E. GALLOWAY JOHN B. SHREVE	MORGANTOWN FAA AIRPORT MORGANTOWN L AND O MOUNOSVILLE HT STORM NAOHA NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OMPS PARKERSBURG FAA AP	624 629 636 644 646 659 667	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 HONONGALIA 2 MONONGALIA 1 HARSHALL 4 GRANT 4 RALEIGH 1 HANCOCK 1 WETZEL 4 FAYEITE 6 HORGAN 1 WOOD	6 8 9 4 6 8 7 9	39 38 39 37 39 54 39 17 37 52 40 30 39 39 37 58 39 30 39 21	79 55 79 58 80 45 79 14 81 29 80 36 80 52 81 09 78 17 81 26	1240 825 620 2845 1210 750 637 1991 950	7P 5P 6P 6P 7A	7A 5P 6A 6P 7A 7A	K C		FEO. AVIATION AGENCY CORPS OF ENDINEERS MOUNDSYLLE SEWAGE TR MRS. ELLEEN MINHICK VIRGIL G. WEB3 WILLIAM B. HURRAY OR. Z. W. ANKROM HILES M. MARTIN MRS. E. M. HOVERHALE U. S. WEATHER BUREAU
BUCKEYE BUCKHAPHON 2 W BURNSYILLE CAIRO 3 S CAMDEN ON GAULEY CAHAAN VALLEY CENTRALIA 2 HHW CHARLESTON WB AP CHARRLESTON 1 CLARKSBURG 1	1220 0 1282 0 1328 0 1363 0 1393 0 1526 0 1570 0 1575 0	POCAHONTAS 2 UPSHUR 22 BRAXTOH 31 RITCHIE 44 HEBSTER 4 TUCKER 22 BRAXTON 33 KANAWHA 34 KANAWHA 34 MARRISON	10 5 5 4 2 4 4 4	36 11 39 00 36 52 39 10 36 22 39 03 36 36 36 22 36 21 39 16	80 08 80 16 80 40 81 10 80 36 79 26 80 35 81 36 81 39 80 21	600	6P 6P	94		н н с нј	MISS ILEAN WALTON DR. ARTHUR B. GOULO JOHN W. BROWN EUREKA PIPE LINE CO. HOWARO FLETCHER BEN F. THOMPSON JAMES W LINGER U.S. WEATHER BUREAU W. VA. WATER SVC. CO. HENRY R. GAY	#PARKERSBURG WB CITY PARSONS 1 SE PETERSBURG PHILIPP1 PICKENS 1 PIEDHONT PINEVILLE POINT PLEASANT 5 NNE PRINCETON RAVENSWOOD OAH 22	686 695 698 699 700 702 711 720	7 0: 4 0: 2 0: 1 0: 4 0: 9 0: 2 0: 7 0:	1 WOOO 4 TUCKER 6 GRANT 2 BARBOUR 4 RANDOLPH MINERAL 5 WYDHING 3 MASON 5 MERCER 3 JACKSON	10 10 9 3 8 7	39 16 39 06 39 00 39 09 38 40 39 29 37 35 38 55 37 22 38 57	81 34 79 40 79 07 80 02 80 13 79 02 81 32 82 07 81 05 81 46	61S 1680 1013 1281 269S 1053 1280 610 2410 584	8 A 6 P 7 P 8 A 7 A 5 P	7A 7A 7A 8A 7A SP 7A		н	U.S. WEATHER BUREAU FERNOW EXP. FOREST MRS. BESS S. MOML MRS. MAXINE LEACH MRS. NELL B. ARMSTRONG C. A. SUTER, JR. JAHES G. MC OERMITT UNIVERSITY OF W. VA. W. VA. WATER SVC. CO. CORPS OF ENGINEERS
CLAY 1 CLENGENIN 1 5W CORTON CRESTON 1 55W OAVIS DBY CREEK OUNLOW 5 E EAST RAINELLE 3 NNE ELKINS WB AIRPORT ELLENBORD	1723 0 1959 0 2054 0 2209 0 2462 0 2520 0 2638 0 2718 0	CLAY  KANAWHA	4 5 2 4 8 4	38 27 38 29 38 29 38 56 39 08 37 52 38 02 38 00 38 53 39 16	81 05 81 22 81 16 81 17 79 28 81 28 82 20 80 45 79 51 81 04	722 615 640 648 3120 1264 850 2420 1970 805	6P 7A 5P M1D	7A 7A 5P 7A		H C H C	MRS. SARAM B. FRANKFORT KATHERINE H. RADER MOPE NATURAL GAS CO. SEWARO R. LYNCH HRS. MARY L. OUMAS HRS. RUTH E. JARRELL KELLY BROWNING MRS. SUE V. MALKER U. S. WESTHER BURGAU MRS. RUBY L. GORRELL	RENICK 2 S RICHWOOD RIPLEY ROMKEY 3 NNE ROWLESBURG 1 ST MARYS SMITHBURG SMITHUILLE SPENCER SPRUCE KNOB	750 755 773 776 767 627 628 838	3 0 2 0 5 0 5 0 4 0 4 0	5 GREENBRIER 4 NICHOLAS 3 JACKSON 6 HAMPSHIRE 4 PRESTON 1 PLEASANTS 2 DOODRIGGE 2 RITCHIE 3 ROAHE 4 PENGLETON	8 9 2 8 8 5 5	37 58 38 13 38 49 39 23 39 21 39 23 39 17 39 04 38 48 38 41	60 21 60 31 61 43 76 44 79 40 61 12 80 44 81 05 81 21 79 31	1900 2300 610 640 1375 650 795 840 964	6P 5P 5P 7P	5P 7A 7A 5P	¢	н	HRS. MARY V. HC FERRIN OAYTON C WEBB CITY OF RIPLEY HISS FRANCES VANCE MRS. MADDE C. BOLYARO JOMN H. INGRAH HOPE NATURAL GAS CO. HOPE NATURAL GAS CO. W. VA. WATER SVC. CO. HARRY J. GORDON
FAIRMONT FLAT TOP FRANKLIN 2 NE FREEMAMSBURG GARY GASSAWAY GLENVILLE GRANTSVILLE 2 NW GRIFFITHSVILLE HACKER VALLEY	3072 0 3215 0 3236 0 3353 0 3361 0 3544 0 3648 0 3749 0	D2 MARION D4 HERCER D5 PROLETOH D2 LEWIS D5 MC OOWELL D2 GRAXTON D2 GILMER D2 CALHOUN D3 LINCOLN WEBSTER	7 9 6 1 4 5 5	39 26 37 35 38 40 39 06 37 22 38 40 36 56 36 56 36 14 36 39	80 08 81 07 79 19 80 31 81 33 80 46 80 50 81 06 81 59 80 23	1298 3229 1900 1030 1426 840 727 730 950 1501	7A 6P 8A 6P 7A 8A	7A 7A 8A 6P		C H	CITY FILTRATION PLANT FRED E- BOWLING GEORGE O- MAMMER EQUITABLE GAS CO. JAMES KISH W. VA. WATER SVC. CO. LEWIS WOLFE MOPE NATURAL GAS CO. ROBIN B. MOORE MRS. LELA M. CARTER	STONY RIVER DAM SUMMERSVILLE SUTTON RESERVOIR TERRA ALTA THOMAS TRIBBLE TYGART DAM UNION VALLEY BEND VALLEY HEAD	860 866 878 880 892 898 901 906	8 0 2 0 17 0 4 0 6 0 1 0	4 GRANT 4 NICHOLAS 20 BRAXTON 4 PRESTON 4 TUCKER 21 TAYLOR 5 MONROE 4 RANOOLPH 4 RANOOLPH	4 4 2 2 4 10 7	39 08 36 17 38 39 39 27 39 09 36 41 39 19 37 36 38 46 36 33	79 18 80 50 80 41 79 33 79 30 81 50 80 02 80 32 79 56 80 02	3400 1930 835 2587 3010 630 1200 1975 2010 2425	7A	7A 7A 7A 7A 7A 7A	7A C C C C C C C C		FRED C. BECKER CHARLES F. GUM CORPS OF ENGINEERS CHARLES E. TREMBLY MAS. MARGARET PERKINS MISS NORMA RUTH CASTO CORPS OF ENGINEERS MRS.THELMA SPANGLER MRS VIOLET L. SWECKER KENT SMECKER
HALL HAMLIN HARPERS FERRY HARPERS FERRY NAT HON HASTINGS HICO HOSSETT GALLIPOLIS DAM HOPEMONT HORNER HOULT LOCK 15	3846 0 3927 0 3932 0 3974 0 4128 0 4200 0 4264 0	D2 BARBOUR D3 LINCOLN D6 JEFFERSON D6 JEFFERSON D6 JEFFERSON D7 WETZEL D7 JEFFERSON D7 WETZEL D8 JEFFERSON D9 WETZEL D9 JEFFERSON D9 JE	3 9 9 8 7 8 11 6	39 03 36 17 39 19 39 19 39 33 38 07 38 41 39 26 38 59 39 30	80 07 82 06 77 44 77 44 80 40 81 00 82 11 79 31 80 22 80 08	1375 642 405 220 760 1955 570 2490 1075 876	8A 5P 7A 5P	8A 7A 5P 7A 7A 7A 4P		c	HRS.OPAL R. JACKSON W. VA. WATER SVC. CO. HISS ELEANOR J. HMITE NATIOMAL PARK SERVICE HOPE NATURAL GAS CO. HBS HILORED E CRIST CORPS OF ENGINEERS HBS. HARRIET SHARPS CLARKSBURG WATER BOARD CORPS OF ENGINEERS	VANDALIA WARDENSVILLE R M FARM WASHINGTON DAM 19 WAYNE 2 WEBSTER SPRINGS 1 E WELTON WELLSBURG 3 NE WESTON WEST UNION MEST UNION MEELING WARWOOD DM 12	928 930 952 933 934 936 943	1 0 19 0 3 0 5 0 6 0 0 0	LEWIS 6 HARROY 11 WOOD 3 WAYNE 4 WEBSTER 11 HANCOCK 12 LEWIS 22 LEWIS 22 DODORIOGE	8 7 4 8 8 6 5	38 56 39 06 39 15 38 13 38 29 40 24 40 18 39 02 39 18 40 06	60 24 76 35 61 42 82 26 80 25 60 36 60 35 80 28 80 47 80 42	1120 960 600 1540 1040 668 1026	8A 5P 6P 6P 7A 6P	7A 8A 7A 6P 7A 6P		н	CLARKSBURG WATER BOARD UNIVERSITY EKP. STA. CORPS OF ENGINEERS CITY WATER PLANT THOMAS W. MOORE C. E. STETSOM MISS OORIS J. PFISTER J. ARTHUR HENRY. JR. EARNEST F. SHITH CORPS OF ENGINEERS
HUMDREO #HUNTINGTON FED 8LOG #HUNTINGTON WB AIRPORT LAFGER JARELAHO JANE LEW KEARNEYSVILLE 1 MW KERMIT KEYSER KOPPERSTON	4388 0 4393 0 4408 0 4478 0 4559 0 4763 0 4816 0	OI WETZEL OI CABELL OI WAYNE OF MC OOWELL OI LEWIS OI LEWIS OI JEFFERSON OI HINGO OI MINERAL OS WYOHING	6 6 6 9 1 9	39 41 38 25 38 22 37 28 38 49 39 06 39 23 37 50 39 26 37 45	80 27 82 27 62 33 61 49 80 28 60 25 77 53 62 24 76 59 81 34	1034 565 827 1084 1142 1020 550 625 930 1450	8A 5P	7A 5P 4P 8A 7A		C HJ	MFGRS. LT. + HT. CO- CORPS OF ENGINEERS U. S. WEATHER BUREAU HAS RUTH L.SIZEMORE CLARKSBURG WATER BOARD CLARKSBURG WATER BOARD W B AGRICULTURE SER OFF EOWARD H. BOWEN POTOHAC STATE COLLEGE HOPE NATURAL GAS CO.	WHITE SULPHUR SPRINGS WICEN WILLIAMSOM WILLIAMSOM 2 WINFIELD LOCKS	955 960 961	5 0	GREENBRIER CLAY INGO MINGO PUTNAH	1 1	37 48 38 28 37 40 37 40 38 32	80 18 80 52 62 17 82 17 81 55	1914 1143 673 659 571	BA	8A 8A 7A		н	JAMES A. TERRY MRS. JOYCE S. BUTCHER NORFOLK + WESTERN RY. MRS. WILMA E. ROBERTS CORPS OF ENGINEERS
LAKE LYNN LEWISBURG 2 55W LINOSIDE LIVERPOOL LOCKNEY LOGAN LONDON LOCKS HADISON HAPHINGTON 1 W MANNINGTON 1 W	5224 0 5284 0 5323 0 5341 0 5353 0 5365 0 5563 0	MONONGALIA DE GREENBRIER DE MONPOE DE JACKSON DE GILHER DE JACKSON DE GLANA DE GREEN DE MARION DE MARION DE MARION	7 8 5 3 4 4	39 43 37 46 37 27 38 54 38 51 37 51 38 12 38 03 39 33 39 32	79 51 80 28 80 40 81 32 80 58 82 00 61 22 81 49 80 21 60 22	900 2185 2000 665 720 664 623 675 975	5P 8A 7A 8A 6P	6A 7A 6A		C H C C C H H	WEST PENN POWER CO- RADIO STATION WRON LOUIS E. CANTIBERRY BROOKS E. UTT HOPE NATURAL GAS CO- COY E. MARSHALL CORPS OF ENGINEERS J. E. CURRY JAMES N. MORGAN ORA G. FROST													

DRAINAGE CODE: 1-BIG SANDY 2-CHEAT 3-GUYANDOT 4-KANAWHA 8-LITTLE KANAWHA 8-MONONGAHELA 7-NEW 8-OHIO 9-POTOMAC 10-TYGART 11-YOUGHIOGHENY

#### CORRECTIONS

ANNUAL 1948	TEMPERATURE EXTREMES AND FREEZE DATA TABLE	NORTHERN D1V1SION 02	BENSON	LOWEST TEMPERATURE -14, OATE JANUARY 26.
AUGUST 1964	CLIMATOLOGICAL DATA TABLE	CENTRAL 01V1S10N 04	HOPEMONT	AVERAGE MINIMUM TEMPERATURE 52.5, AVERAGE TEMPER- ATURE 63.7M, LOWEST TEMPERATURE 31 ON THE 14TH, TOTAL DEGREE DAYS 69.
AUGUST 1964	CLIMATOLOGICAL DATA TABLE	п	DIVISION	AVERAGE TEMPERATURE 65.8, DEPARTURE FROM NORMAL - 2.0.
AUGUST 1964	OAILY TEMPERATURE TABLE	0	HOPEMONT	MINIMUM TEMPERATURE ON 14TH 31.
SEPTEMBER 1964	CLIMATOLOGICAL DATA TABLE	NORTHWESTERN OLVISION OL	PARKERSBURG WB CITY	TOTAL DEGREE DAYS 67.
SEPTEMBER 1964	DAILY TEMPERATURE TABLE		**	MAXIMUM TEMPERATURE ON 12TH 64.

#### THEFERENCE NOTE:

Additional Information regarding the climats of West Virginia may be obtained by writing to the Weather State Climatologist, Agricultural Engineering Statistics, West Virginia University, Margantonia West Virginia 26506, or to any Weather States Office near you.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in 'F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F. In "Supplemental Data" table directions entered in figures are tens of degrees.

QRERVATION TIME The Station Index shows observation times in local standard times. During the summer months some observers take the observations on daylight saving time. Snow on ground in the "bnowfall and Snow on Ground" table to st observation time for all except Weather fureau and FAA stations. For these stations snow on ground values are at 7.00 a.m., F. St. T. Data in the "Extraines" table, "Daily Pracipite tion" table, "Exappration," Exappration and Wind" table, and snowfall and Snow on Ground" table to st observation, are the stations of the sta

EVAPORATION is measured in the standard Weather Boreau type pan of 4-feet diameter unless otherwise shown by feetnote following the "Evaporation and Wind" table. Mas and Min in "Evaporation and Wind" table refer to extreme of temperature of water in pan as recorded during 24 hours ending at time of observation.

WATER EQUIVALENT values published in the "Snowfall and Snow on Ground" table are the water equivalent of anow, alect, or tre on the ground. Samples for obtaining messurements are taken from different points for aurers also beervalions, consequently, occasional drifting and other causes of local variability in the snow-jack may result in apparent inconsistencies in the record,

SNOWFALL: Entries of anowfall in the "Climatological Data" table, the "Snowfall and Snow on Ground" table, and in the "Seasonal Snowfall" table, include anow and aleet. Entries of anow on ground include anow, aleet, and ica.

NORMALS for all stations are climatological standard normals based on the period 1931-1960,

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

SEASONAL TABLES: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the preceding June data will be carried in the July is auc of this bulletin.

DELAYED DATA AND CORRECTIONS will be carried only in the June and December issues of this builetin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication,

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, "Snowfall and Snow on Ground" table, and the Station Index,
  - No record in the "Climatological Data" table and the "Daily Temperature" table is indicated by no entry,
- + And also on an earlier date or dates.
- ++ Highest observed one minute windapeed. This station is not equipped with an instrument to measure fastest mile data.
- · Amount included in following measurement, time distribution unknown,
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing, if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

#### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- AR This entry in time of observation column in Station Index means after rain.
- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- G "Soil Temperature" table.
- H "Snowfall and Snow on Ground" table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" table,
- SS This entry in time of observation column in Station Index means observation made near sunset.
- VAR This entry in time of observation column in Station Index means variable.
  - # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

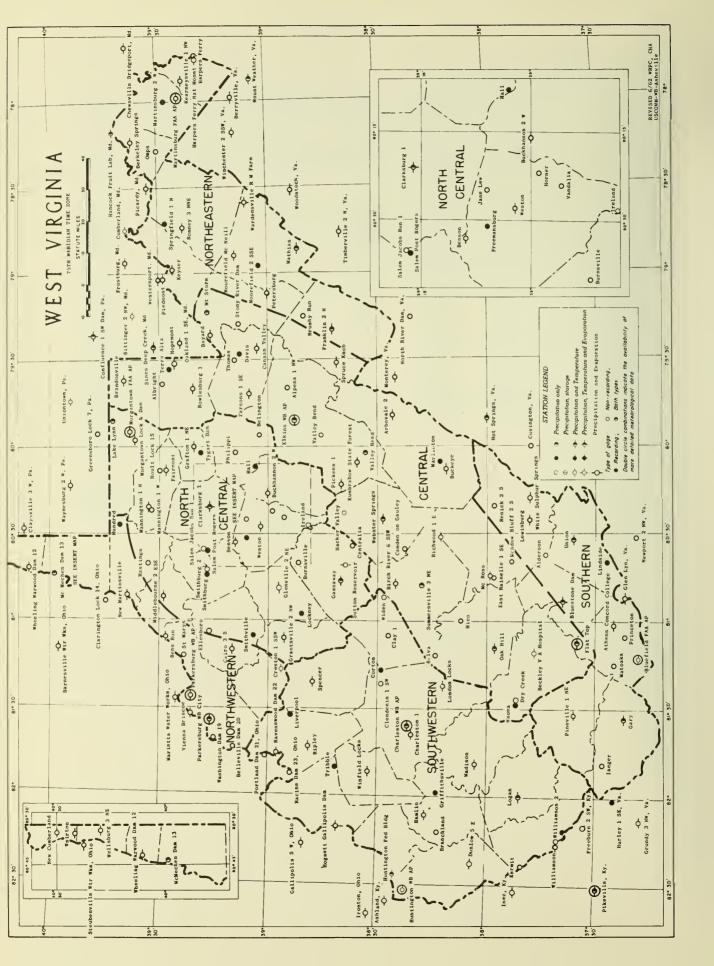
Stations appearing in the Index, but for which data are not listed in the tables, were either missing or received too late to be included in this issue.

General weather conditions in the U, S, for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D, C. 20402,

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1955 may be found in the publication "Substation History" for this State, price 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the Superintendent of Documents at the address shown above.

Subscription Price: 20 cents per copy, monthly and annual; \$2,50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents, Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C.-2/19/65-750







51.05 INWE

# U. S. DEPARTMENT OF COMMERCE JOHN T. CONNOR, Secretary WEATHER BUREAU ROBERT M. WHITE, Chief

## CLIMATOLOGICAL DATA

## WEST VIRGINIA

ANNUAL SUMMARY 1964
Volume 72 No. 13



MAY 17 1965

PRINCIPAL OF PRESENTING

Table 1		Д	VE	KA	GE.	T E IA	IFL	АЛ	101	KES	AI	ו עו	LP	AK.	LOI	KES	1 17	OIM	IAC	LC TAT	ML	~~~			WEST	1964
	Janu	агу	Feb	oruary	Ma	ncp	A	pril	N	lay	Ju	ine	Ju	Дy	Aug	gust	Septe	ember	Octo	ober	Nove	mber	Decen	ber	An	nual
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
NORTHWESTERN 01								!														į				
BENS RUN 1 SSE CAIRO 3 S CRESTON 1 SSW MOUNOSVILLE NEW CUMBERLAND	32.4 29.4 33.0		27.6 29.9 28.4 30.3 28.9	- 8.0 - 5.6 - 6.6	43.2 40.7 43.2M	0.5 - 1.2	53.1 55.5M M 54.7 53.3		64.2 M	- 1.3 1.3	71.1 68.4 71.0	- 4.1 - 0.1 - 2.4	74.6 72.4 74.9	- 2.7 0.4 - 2.0 - 0.5	71.0 69.2 70.8	- 6.0 - 2.1 - 4.0	66.2	- 4.3 - 0.6 - 5.8 - 1.2	51.7 49.3 52.4	- 6.3 - 4.5 - 6.4	46.0 44.8 46.5	2.1	35.0M 38.3 35.5 38.1 36.1	3.4 0.7	53.7M	- 3.3 - 0.5
NEW MARTINSVILLE PARKERSBURG FAA AP PARKERSBURG WB CITY WEIRTON WELLSBURG 3 NE	34.2 34.5 35.2 32.6 30.2	0.1 0.6	31.0M 30.1 30.8 29.0 27.7	- 4.7 - 5.0	43.7	0.8 1.0 0.3	56.1 56.3 54.1	1.5 2.2 1.4	65.6 65.5 64.7	1.5	71.5 71.6 70.6	- 0.9 - 1.0 - 0.7	74.9	0.0 - 0.4 - 0.5	71.8 71.8 72.2 70.5 67.4	- 2.8 - 2.2 - 4.4	66.6 66.3 66.6 63.3	- 1.5 - 1.8 - 2.0	53.1	- 4.2 - 4.4 - 4.3	47.3 47.1 47.5 47.6 45.0	3.1 2.7 2.8	38.5 38.2 38.3 36.5 35.9	2.5	54.4M 54.3 54.6 53.5 51.3	- 0.1 - 0.4 - 0.9
WHEELING WARWOOD OM 12		- 1.2		- 4,5		1.9		0.9		1.5		- 1.3		0.7		- 4.0		- 1.2		- 4.1			35.0		-	- 0.6
01VISION	32.2	- 1.2	29.2	- 4,7	42.1	0.8	54.3	1.6	64.2	1.6	70.3	- 1.1	74.4	- 0.4	70.3	- 3.2	65.4	- 1.7	51.5	- 4.4	46.4	2.1	36.9	2.5	53.1	- 0.6
NORTH CENTRAL 02 BELINGTON BENSON BUCKHANNON 2 W CLARKSBURG 1 FAIRMONT	30.5 33.0 32.6 32.2 33.9	= 1.2 = 1.6 = 0.3 0.3		- 6.8 - 6.4 - 5.3 - 5.6	40.1 42.7 42.0 41.6 41.8	1.2 0.8 1.8 0.6	51.5 54.2 53.6 53.3 54.3	1.6 1.4 1.9	60.2 63.6 62.3 62.6 63.6	1.5 1.3 1.0	66.7 70.7 68.9 69.3 69.8	0.5 0.0 - 1.1 - 1.6	70.3 73.9 71.1 72.5 72.9	- 0.7	67.0 67.9M 68.7 69.4 69.5	- 4.1 - 1.8 - 2.7 - 3.7	64.4	0.0 - 1.8 - 2.2	49.0	- 5.2 - 4.8 - 5.1	44.3	2.5	34.6  38.4 36.9 36.6	3.6	50.2M 52.1M 51.9 52.8	- 0.5 - 0.5 - 1.0
GASSAWAY GLENVILLE GRAFTON 1 NE	34.2 30.9M	<b>-</b> 5.2	30.7 27.9	- 9.4	44.7	- 1.2	55.7	0.3	64.2	- 1.3	70.9 70.8	- 1.8	73.7	- 1.8	71.2	- 4.8	66.1	- 4.7	52.3 M		47.6	- 0.9	39.8	- 0.6	54.3	
GRANTSVILLE 2 NW MANNINGTON 1 N	31.1 30.9	- 2.0	29.4 28.0	- 5.7	42.9	0.6	54.8 53.2	1.5	64.2	1.3	70.3 69.6	0.2	74.5 72.6	0.2	70.8 68.2	- 2.9	65.8	- 0.8	52.2 49.3	- 4+6	47.0	2.6	37.4 37.2	3.8	53.4 51.8	- 0.5
MIOOLEBDURNE 2 ESE MORGANTOWN FAA AIRPORT MORGANTOWN L AND O WESTON WEST UNIDN	33.2	- 3,6	28.9 28.9 29.2 28.6 29.3	- 7.4	42,3	= 0.8	54.9	- 0.6	62.9 62.8 63.8 62.9 63.6	- 0.6	70.2 68.9 69.7 70.1 70.2	- 2.0	74.2 72.5 73.2 73.6 73.4	- 1.5	69.5 68.5 69.9 70.2 68.5	- 3.7	64.6 64.3 65.3 65.1 65.0	- 2.5	50.8	- 6.2	45.2 47.4 47.0 45.5 46.2	0.7	37.9 35.8 37.7 36.8 38.5		52.9 52.4 52.9 52.5 53.0	- 2.3
DIVISION	32.4	- 1.9	28.6	- 6.5	42.2	0.4	54.0	1.0	63,0	0.5	69.7	- 1.1	73.0	- 0.9	69.2	- 3.4	64.4	- 2.0	50.4	- 5.2	45+8	2.1	37.2	2.2	52.5	- 1.2
SOUTHWESTERN 03 CHARLESTON WB AP	35.8	- 0.8	33.2	. 4.3	46.7	2.3	58.5	3.2	67.0	2.2	72.9		75.0	0.1	73.1	- 0.7	67.5	- 0.7	53.2	- 4.1	49.0	2 7	39.2	2.1	55.9	0.3
CHARLESTON 1 CORTON OUNLOW 5 E MAMLIN	34.2 34.8 35.8 32.1	- 0.0	32.3 31.8 31.4 29.4M		44.9 45.6 46.1 42.8		57.2 56.3 59.9 55.1M		66.6 65.6 67.0 62.7		72.7 71.7 72.0 70.5	0.7	76.4 74.5 73.5 74.0	0.1	73.8 72.4 72.1 70.7M		68.8 67.1 68.4 63.9	- 0,	55.2 52.3 53.9 51.1		49.6 47.6 50.9 46.4M	3.1	38.6 40.0 39.6 37.3 <sub>M</sub>		55.9 55.9 53.0M	
HOGSETT GALLIPOLIS DAM MUNTINGTON FEO BLOG MUNTINGTON WB AIRPORT LOGAN LONDON LOCKS		= 0.8 = 2.4		- 3.9 - 5.6	41.9 47.3M 46.4 45.6 44.5	1.8	54.3 58.8M 58.0 58.4 55.7M	2.3	64.2 68.9M 66.0 66.1 65.1	3.1 1.4	71.2 75.0 71.7 72.9 70.7	- 0.3	74.9 76.0 76.4 76.3	0.8	72.4 74.7 73.0 74.2 73.5	- 1.4 - 1.0	66.1 68.9 65.7 67.0 67.8	- 1.0 - 2.5	51.9 55.4 52.2 52.9 52.8	- 3.3 - 5.1	47.0 50.3 48.0 48.6 49.4	3.6 2.5	36.8 40.6 39.4 38.5 39.4	2.0	53.4 55.2 55.6 55.1M	- 0.6
MAGISON POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER	32.9 33.9 35.0 34.4 35.9M	- 0.9 D.5	31.3 31.2 31.7 31.0 30.6	- 5.1 - 5.5	45.2	1.9	56.9	2.5	64.7 65.7 66.1 66.7 65.3	2.1	71.3 72.2 72.4 72.7 71.0	0.1	75.5 75.0 76.0 75.9 73.5	0.5	72.5 72.1 73.0 73.2 70.9	- 1.1 - 2.3	66.1 65.5 67.2 67.1 66.6	- 0.9	52.2	- 3.5	47.3 46.8 48.5 46.6 47.2	3.3 2.7	37.h 38.6 40.9 39.9M 40.2	4.4	54.4 54.5 55.6 55.24 54.5M	0.2
WAYNE 2 WILLIAMSDN WINFIELD LDCKS OIVISION	34.2 33.5	- 2.2	31.2	- 5.4 - 5.2	43.3	0.0	59.4 54.7 57.1	0.3	67.4 64.7	1.2	74.8 72.1	0.5	77.5 75.8	- 0.1 - 0.6	72.7	- 1.6 - 2.3 - 1.9	67.1	- 1.8 - 1.9		- 5.1	48.2	2.6	39.6 38.2 39.1	1.6	56.8 54.5	- 0.5 - 1.1 - 0.5
CENTRAL 04  ARBOVALE 2  BAYARO BECKLEY V A HOSPITAL BECKLEY WB AP BIRCH RIVER 6 SSW		- 0.4 - 2.1	24.7 24.8 28.5 28.1 25.5	- 4.6 - 6.5	37.4 37.3 41.8 41.4 39.3	1.9	48.6 48.5 53.9 53.7 49.0		57.7 57.8 61.1 61.1	1.7	64.4 63.9 66.7 67.6	0.0 - 0.5	67.1 66.5 68.6 68.9	- 0.4 - 1.9	64.2 63.0 66.7 67.3	- 2.3 - 2.6	60.6 59.0 62.1 63.4	0.1	45.9 44.7 47.8 48.4	- 4.2 - 5.7	41.5M 41.0 45.7 46.4	2.6 3.4	34.0 33.1 38.0 36.8	3.4 3.4	47.9M 47.4 51.1 51.4	0.0
BRANCONVILLE BUCKEYE CANAAN VALLEY ELKINS WB AIRPORT FLAT TOP	27.6 M 27.4 31.6 29.5	- 0.4	23.8 26.2 22.2 26.4 24.6	= 6.6 = 6.4	38.8 39.5 35.8 39.7 37.1	0.2	49.4 51.2 47.9 51.2 48.3	1.0	58.4 60.5 56.0 59.4 57.5	0.1	64.8 67.5 61.9 65.7 63.9	- 1.4 - 0.6	68.4 70.2 63.3 68.6 66.2	- 1.5 - 1.3	64.4 68.0 61.2 65.8 64.3	- 3.0 - 2.3	60.1 63.5 57.9 61.3 59.9	- 1.3 - 1.3	46.4 48.7 44.3 47.0 45.6	- 5.1 - 5.7			31.9 34.3 32.2 35.2 33.3		48.1 45.9 49.7 47.8	- 1.0 - 1.1
HOPEMONT MC RDSS OAK HILL PARSONS 1 SE PICKENS 1	29.0 31.8 32.5 32.5 31.4		25.4M 28.1 29.0 28.5 24.7		41.0 41.7 41.3 38.2		49.1 53.4 53.5 52.8 50.3		57.8 60.6 61.8 62.5 58.2		65.6 66.1 68.7M 68.2 63.8		66.7 69.0 71.4M 70.8 65.6		63.7M 66.9 68.6 68.0 64.0		59.6 62.2 64.7 63.3 60.4		44.7 47.8 49.3M 47.8 46.5		43.2 44.6 46.5 44.1 43.8		35.5 37.5 34.1 35.3		50.6 52.1M 51.2 48.5	
RICHWOOD ROWLESBURG 1 SPRUCE KNOB WEBSTER SPRINGS 1 E	33.0 32.3 28.9 34.1		27.9 28.7 25.9 31.3		41.0 41.5 37.4 42.8M		52.3 52.4 48.3 55.8		60.4 62.7 57.9 63.8		65.8 68.9 64.4 70.4		68.8 72.3 68.6 72.1		66.4M 69.0 64.6 69.8		62.1 64.5 60.8 65.9		48.3 50.2 47.9 52.1		45.7 46.8 45.4 47.3		37.7 36.6 33.8 38.2		50.8M 52.2 48.7 53.6M	
OIVISION	30.8	- 0.a	26.5	- 5.6	39.6	1.4	51.0	1.8	59.7	1.4	66.0	0.1	68,5	- 0.6	65.9	- 1.9	61.7	- 0.3	47.4	- 4.4	44.3	3.9	35,1	2.9	49.7	- 0.2
SOUTMERN OS  ATHENS CONCORD COLLEGE BLUEFIELD FAA AIRPORT BLUESTONE OAM GARY KOPPERSTON		- 4.3		<b>=</b> 5.7	44.0 42.1 42.3 42.9 43.9	- 0.1		1.3	61.4 62.1 63.0 62.2 63.5	- 1.0	67.4 69.3 70.0 69.5 69.5	- 1.3	70.0 69.4 73.3 72.0	- 2.0	68.2 67.8 70.7 69.8	- 3.2		- 2.	49.4 49.5 50.9 50.1 50.1	- 5.8	47.1 47.5 46.2 47.3 47.0		37.9 38.0 35.3 37.8 39.0	1.1	52.2 52.2 52.7 52.9 53.2	- 1.7
LEWISBURG 2 SSW PINEVILLE UNION WHITE SULPHUR SPRINGS	32.2 30.2 30.8 32.5	- 2.7 - 1.4	29.1M 30.2 29.4 30.3	- 5.1	43.0M 43.1 41.0 42.9	0.3	53.6 54.6 52.6 54.4	1.0	62.6 62.8 60.4 63.1	- 0.4 1.0	69.3M 71.1 67.9M	- 0.4	71.7 71.0 73.4 69.9 72.2	= 1.7 = 0.3	70.0 68.6 70.3 67.3 69.8	- 3.0 - 1.4	64.8 64.4 65.5 62.3 64.9	- 2.2 0.2	49.8 49.9 48.4 50.1	- 5.4 - 4.1	46.1 45.6 45.0	3,1	36.0 36.1 34.7 37.5		52.1M 52.7	- 1.3 0.0
01VIS10N	32.0	- 3.1	30.0	- 6.2	42.8	0.6	54.3	1.1	62.3	- 0.1	69.3	- 0.6	71.4	- 1.6	69.2	- 2.7	64.4	- 1,5	49.8	- 5.5	46.5	2.9	36,9	1.7	52.4	- 1.3
NORTHEASTERN 06																										
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEYSVILLE 1 NW KEYSER	32.6 32.7 33.2 31.3	- 2.6	30.0 29.1 33.3M 29.5	- 5.5	41.7 41.6 44.9 43.0	0.7	49.8 51.3 52.7 50.4 51.5M	- 2.9	62.9 61.1 66.8 62.5	- 0.8	70.1 67.3 74.4 70.4 68.8M		74.3 70.3 77.9 74.6 73.6	- 0.9	70.1 68.2 73.7 70.6	- 3.1	64.7 62.6 68.2 65.1	- 1.7	50.3 48.9 54.4 50.6 54.2M	- 5.3	46.2 45.8 49.9 46.5		34.8 37.8 37.7 34.8	- 0.2	52.3 51.4 55.6M 52.4	- 1.9
MARTINSBURG FAA AP MATHIAS MOOREFIELD MCNEILL	32.0 31.7 M	- 1.1	29.8 28.0 32.6M	- 4.2	42.0 40.5 43.3	0.7	50.3 51.0 51.4	- 2.5	63.9 61.0 62.5	0.7	71.5 68.0 70.0	- 0.4	75.6 71.3 73.4	- 0.7	71.5 68.5 70.4M	- 2.7	64.9 62.8 65.2	- 1.8	50.9 48.4	- 4.6	45.8 45.7 -	1.9	35.0 36.7	0.7	52.8 51.1	- 1.1

Table 1-Continued		A	VE	RAG	GE T	'EM	IPE	RA'	TUI	RES	Al	ND I	DEP.	AR'	TU	RES	FR	OM	NO	RM	IAL				mP 5.7	1944 1944
	Jan	uary	Feb	IMATY	Mat	ch	A	pnl	м	lay		lune	Ju	ly	Au	gust	Septe	mber	Orti	,loci	Nove	mber	Decer	mlor	An	tsuni
Station	Temperature	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperatura	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
OMPS PETERSHURG PIEDMONT ROMNEY % NNE WARDENSVILLE R M FARM	30.3M 33.9 32.0 32.2 30.2	- 0.3	31.1 29.7 31.0 28.7	= 5.0 = 3.3 = 4.5	41.7	1.4	53.2 50.6 50.9 49.9	- 1.0 - 1.2	62.4	0.7	68.5 71.5 68.6 69.9 68.8	- 1.0		- 0.2	69.8 72.4 69.2 70.1 69.4	- 3.0	65.2	0.3 = 0.2 = 1.2	50.9		47.9 46.8	5.0	37.6 37.2 34.1 34.4 34.8	1.0	54.1 52.1 52.7 51.44	0.0
01v1510N	32.0	- 1.4	30.3	- 4.1	42.6	1.3	51.1	- 1.1	62.7	0.6	69.8	- 0.3	73.9	- 0.1	70.3	- 2.0	64.7	- 0.8	50.8	- 4.1	46.8	3.1	35.6	1.5	52.6	- 0.6

Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues

A Special Weather Summary describing unusual weather in 1964 was included in all issues of this publication.

Table 2												10111					1704
	Janu	ary	Febru	ary	March	A	pnl	May	June	July	August	September	October	November	Decemb	er A	Annual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation	Departure Precipitation	Departure
NORTHWESTERN 01																	
BELLEVILLE DAM 20 BEN3 RUN 1 33E CAIRO 3 3 CRESTON 1 33W ELLENBORD	2.13-	1.34 1.47 1.13 1.34	2.29-	.67 .60 .21 .61	4.58	32 5.05 85 6.20 16 5.01 5.64 5.29	2.64 1.38 2.17	1.82- 2.61	6.05 1.34 4.0381	3.17= 1.23 3.49= 1.51	5.42 .90 3.79 .19	2.55= .38 3.18= .10	1.4891 .57= 2.00	3.90 .93	4.85	1.60 44.	61- 4.46 24 1.05 07- 4.43 65- 1.57
MC MECHEN DAM 13 MOUNDSVILLE MEW CUMBERLAND NEW HARTINSVILLE PARKERSBURG FAA AP	2.43= E 2.10 2.22= 2.72= 2.41	.74 .95	1.79-	.37 .50	3.77 2. 3.29 3.96 2. 4.28 3.33	5,91	1.82	2.41 to 1.64 2.56 1.82 1.95 1.81 2.53	5.99 5.60 1.34	2.98= 1.37 3.28 5.34 1.38 3.92= .87 3.77	3.93 .13 3.95 3.39= .23 3.00= 1.37 4.01	1.82 1.00= 1.92	1.26 1.90= .71	2.60 .07	4.06	1.51 40. 41. 1.61 40. 1.33 42. 39.	55 91 2.69 53- 1.40
PARKERSBURG W8 CITY R 37 MARYS MASHINGTON OAH 19 WEIRTON WELLSBURG 3 NE	2,20 2,24 2,38 2,55 2,29	. 98	2.14	.66 .32	4.34 3.78 4.76 1. 3.65 3.84 2.	5.83	2.63	1.10= 2.60 .99 1.27= 2.41 2.01 2.07= 1.66	5.44 3.1874 4.20	3.60= .51 3.15 3.52= .65 4.73 3.89= .56	3.72= .06 5.12 4.38 .68 1.93 2.75= 1.10	3.01 2.76 .02 .91	.41= 1.54 1.33	2.67 .31 E 3.48 2.74 .27 2.76 2.95 .30	4.38 4.36 4.23	1.19 38. £ 40. 1.69E 37. 38. 2.07 39.	96r .38
WHEELING WARWOOD OM 12	2,68=	.39	1.77=	. 76	6.38 2.	82 6.10	2.71	1.92= 2.02	3,5776	4.08 .19	2.98= .40	1.33- 1.74	1.8152	2.5302	4.44	1.87 39.	,59 .98
DIVISION	2,42-	1.01	2,330	.46	3,14 1,	61 6.D4	2,55	1.81- 2.25	4,68 .20	3.8748	3.60= .39	2.1090	1.13= 1.33	3.17 .48	4.41	1.51 40.	7067
NORTH CENTRAL 02																	
BELINGTON BENJON BUCKHANNON 2 W BURNJVILLE CENTRALIA	3.73 2.72 2.56 3.43 3.49	1,42	4.28 3.06 3.90 3.98 4.33	.50		6.10 3.07 4.48 3.64 4.00	1.28	1.42 1.20= 3.18 1.65= 2.89 1.20 1.30	9.21 7.72 2.80 5.93 .53 3.83 4.10	3.70 4.51= .50 4.56= 1.03 5.63 4.32	3.57 3.48= .83 2.64= 2.19 5.20 3.12	4.39 3.18= .20 3.17= .27 3.69 5.19	.48 E .46= 2.47 .36= 2.85 .39 .97	2.40 E 3.16 .08 3.04= .14 2.62 2.41	4.57 E 4.33 4.96 3.81 4.30	.66E 42. 1.27 41. 40. 42.	26= 3.12 20= 8.78 80
CLARKSBURG 1 FAIRMONT GASSAWAY GLENVILLE GRAFTON 1 NE	2,55m 2,57m 3,17 3,13m	.87 .99	2.83- 2.77- 3.63 3.39	.06		06 4,52 05 4,65 3,39 23 4,85	1.10	1.47= 2.52 1.31= 2.68 1.34 1.25= 3.10	5.45 1.13 4.75 .28 3.74 3.29= 1.85	3.7780 2.07- 2.46 4.08 2.86- 2.47		3.85 .63 4.25 1.17 4.10 3.75 .30	.57= 2.01 .92= 1.77 .77 .26= 2.68	2.76 .17 3.25 .54 2.70 3.39 .22	3.86	38. 37.	63= 4.15 63= 4.18 87 57= 8.72
GRANTSVILLE 2 NW MASTINGS HORNER HOULT LOCK 13 IRELAND	2.53 2.71 2.53= 2.87= 3.01	1.47	E 3.81 3.31 E 3.32 2.95 3.93	.12		4.77 6.30 3.36 4.73 4.26	03 1.15	1.79 1.63 .68= 3.57 2.18= 2.00 1.23		5,53 4,26 2,45= 2,77 2,18= 2,29 6,42	3.75 4.07 2.49= 1.80 3.46= .8T 3.64	3.18 2.95 2.44- 1.08 3.61 .49 3.85	.17 1.67 .47= 2.62 .77= 1.92 .75	3.80 3.37 2.88= .16 2.92 .11 2.53		.10E 33.	13 63=13.23 95= 5.70
JANE LEW LAKE LYNN HANNINGTON 1 N HANNINGTON 1 W MIDOLEBOURNE 2 E3E	2.63- 2.63- 3.21- 3.60 2.08-	.60	3.15= 2.284 3.03= 2.82 2.62=	.02 .28 .13	3.95 3.42- 4.09	98 4.39 39 4.61 73 3.42 3.57 12 3.75	1.12	1.42- 2.94 1.18- 2.98 2.34- 2.29 2.09 1.59- 2.78		4.29= .82 3.95= .30 3.17= 1.89 2.59 2.58= 2.30	4.1923 4.1650 4.23	3.83 .30 2.67= .44 2.83= .44 2.97 2.61= .61	.52= 2.44 .77= 1.89 1.38= 1.43 1.12 1.92= .65		4.04 5.18 5.51	1.42 40.	00= 5,43 ,32= ,53 ,47= 3,64 ,67 ,83= 1,24
MDRGANTOWN FAA AIRPORT MORGANTOWN L AND D PHILIPPI 3UTTON RESERVDIR VANDALIA	2.14 2.06= 2.43= 4.06 3.28=	1.44	2.38 2.49- 3.33 3.53 3.93	.31	3.70 3.57	4.66 11 4.44 39 4.41 3.93 4.09	.80	1.25 1.39 2.78 1.21 3.35 1.58 1.84 2.61	4.62 6.08 1.75 7.69 3.14 3.87 4.67 .33	3.91 3.5960 4.3495 3.66 5.2311		3,44 3,56 ,46 4,37 1,04 4,25 3,86 ,40	.86 1.01= 1.70 1.12= 2.09 1.09 .40= 2.66	3.50 3.13 .37 3.11= .02 2.46 2.99= .09		39.	99- 1.04
WEST UNION	4.00÷ 2.92	, 43	3.D9 2.96	1.27	4.75 . 3.87	4.70 6.32		1.39= 3.27 1.73	5.36 .04 7.11	5.70 .24 2.50	4.46= .17 4.99	3.83 .21 3.70	.60= 2.51 .84	3.52 .19 3.89	5.18 1 5.20	48.	58= 2.19 .03
DIVI3ION	2.82-	1.07	3,32	.08	3.80	26 4.95	1.28	1.54- 2.81	5,64 ,88	3.75= 1.17	4.03= .51	3.56 .24	.76- 2.07	3.23 .28	4.59	1.21 42.	01- 3.92
a e e 3DUTHWE3TERN 03										1							
BRANCHLANO CHARLESTON WB AP R CHARLESTON 1 CLAY 1 CLEY 1 CLENOENIN 1 3W	2.73 2.38= 2.13= 3.46= 3.14		4.60 3.38 3.60 4.72 4.30	.03 .35 1.27	3.30	3.19 3.20 52 3.29 4.49 4.68	48 10 .82	1.24 .95= 2.76 .87= 2.83 2.49= 1.45	2.03 3.82 3.56 07 4.94 .23 3.56	3.11 2.76= 2.91 3.71= 1.79 3.56= 2.29 3.72	6.94 3.23= .72 2.49= 1.46 5.45 1.00 2.21	2.6026		2.95 .16 3.09 .29		.38 32.	98=11.45 52= 9.48 69= 2.28
CORTON OUNLOW 3 E HAMLIN HOGSETT GALLIPOLI3 DAH HUNTINGTON FEO BLDG	3.70 3.22 3.67 2.01=	1.66	3.97 4.30 3.88 3.16	.14	3,52 4,73 4,23 4,67	4.93 4.30 3.69 3.24		2.03 2.04 .84 1.71= 2.00	2.95 2.62 1.85 2.14 1.85	5.17 4.44 5.93 1.83- 2.31	3.89 3.54 3.51 5.73 2.34	3.19 2.33 3.42 3.91 1.24	.24 .53 .44 .46- 1.58	2.93 3.58 3.84 3.79 1.08 3.49 .83	3.79 4.92 3.83 4.00 3.82	E 40. 40. 39. 1.15 38.	75
HUNTINGTON WE AIRPORT KERMIT LOGAN LONDON LDCK3 HADI3ON	2.11- 3.03 2.74- 3.38 3.02		3.D7 4.68 4.79 4.78 4.77	.03	4.34 . 4.64 3.84 . 3.80 4.D1	3.09 4.47 73 4.18 2.64 3.37	.76	1.25m 2.64 1.83 2.24m 1.74 1.97 1.82	1.97= 2.13 4.94 3.65= .68 3.78 2.56	2.18= 2.32 4.35 2.74= 2.19 6.50 3.30	6.21 3.39 4.12 2.50= 1.50 2.68 3.31	4.53 1.99 3.25 4.92 1.94 4.48 3.10	.80- 1.05 2.11 3.33 .96 1.47 1.23	3.37 .91 3.11 2.6705 2.94 3.03	E 4.75	E 45.	91- 2.82 24
POINT PLEASANT 5 NNE RAVENSWOOD DAM 22 RIPLEY SPENCER WAYNE 2	1.93 2.42= 3.13 2.23= 2.84		2.26 2.03= 3.68 3.36=	.93	3.12	3.26 3.43 3.34 5 4.09	2.13	1.78 1.82- 1.78 1.98 .84- 3.08	1.98 1.56= 2.31 3.45 2.58= 1.85	2.67 5.80 1.36 3.23 3.38= 1.28	4.38 3.82 .41 5.76 3.46= .57	3,38 3,08 .53 3,85 3,90 .92	.27	2.99 3.33 .76 5.04 4.29 1.55	4.79	45.	9181
WILLIAMBON 2 WINFIELD LOCKS	3.83 2.96= 3.D1 2.24=	.68	4.32 4.92 4.31 3.40	1.45	4.62	4.07 4.66 3.32 17 3.33	1.10	1.47 1.77= 2.10 1.73 1.11= 2.40	3.65 2.98= 1.41 2.47 2.66= 1.13	4.09 4.0999 4.00 2.58- 1.91	5.93 2.97= 1.33 2.62 2.78= 1.03	E 4.94	2.82	2,66 2,76= ,02 1,89 3,93 1,26	3.27	43. 46. 39. 1.10 34.	56 2.83
DIVIDION CENTRAL 04	2 . 72	1.06	3.72	.46	4.19 .	4.18	•71	1.36- 2.29	2.76- 1.38	3.77= 1.16	3,7703	3,75 .83	.91- 1.38	3,41 ,67	3.89	.87 38.	,63r 3.74
ALBRIGHT ALPEMA 1 NW ARBOVALE 2 BAYARD BECKLEY V A HO3P1TAL	3.00 3.87 3.08= 3.98= 3.32=	.27 .21 .32	2.87 4.12 3.34 4.34 3.15=	.17 1.04 .32	4,33	6.22 6.23 99 4.06 11 6.82 77 3.54	2.79	.96 1.76 .42- 3.47 1.15- 3.71 1.23- 2.78		2.21 6.52 1.75= 2.86 4.03= .77 4.98= .17	1.98- 2.72	4.15 .96	1.82= 1.48	3.07 .17	3.91	.46 43.	
BECKLEY WB AP BELVA BIRCH RIVER 6 33W BRANDONVILLE BUCKEYE	3.44 3.46 2.79 2.76 2.98		3.83 3.26 6.00 2.78 3.96		4.75 5.33 3.94 4.40 5.86	3.46 2.40 2.64 5.87 3.97		1.31 1.21 1.42 .97	1.98 2.75 6.56 2.56	2.98 4.09 3.75 3.94	2.38 4.83 4.81 3.38	8.27 4.54 3.60 5.80	3.39 1.41 	2.33 2.54 3.51 2.17	3.41 3.31 4.07 3.59	41. 39. 44. 38.	.13 .54
CAMOEN ON GAULEY CANAAN VALLEY ORY CREEK EA3T RAINELLE 3 NNE ELKIN3 WB AIRPORT	3,49 4,93 3,37 3,20	.42	4.83 3.99 4.17 3.07=	.20	3.45 4.37 4.00	3.03 5.59 3.39 2.69 5.61		2.12 1.86 1.27 1.46 1.47 = 3.10	4.69 4.48 2.49 2.22 5.0118	4.58 3.50 4.10 3.97 5.19= .30	4.44 4.50 1.73 4.24 3.55= .68	6.63 5.22 7.13 4.89 4.20 1.13	1.46 2.41 3.07 3.21 .94- 2.09	2.49 3.32 2.92 2.50 2.00= .73	3.99 4.31 3.69 3.68 3.39	45. E 50. 41.	48
PLAT TOP HACKER VALLEY	3,62m 3,78	.16	4,23 3,06	.50	4.67 · 4.66	2.30	- 1.18	1.92- 2.21	1.88- 2.53 4.13	2.90- 1.95 8.50	2.43= 1.94 4.06	3.77 .90 5.08	2.57= .01 2.03	2.96 .27 2.21	4.06	.71 37. 50.	51- 7.49 85

MIST VINEINIA 1964

### TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

Table 2-Continued						7					- 1	-					-	
	lanua	ſγ	Føbri	iary	Marc	h	Api		May		June	July	August	September	October	November	December	Annual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation .	Departure	Precipitation	Departure	Precipitation	Precipitation Departure	Precapitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure
HICO HOPEMONT MC RO33 MT 3TORM OAK MILL	2.50 2.77 3.47 3.44 3.06		3.14 3.01 5.47 3.12 4.52	1	3.92 E 4.25 4.54 3.07 3.89	1	1.70 8.63 3.05 6.47 2.06		1.36 1.57 1.72 .78 1.49		3.22 5.17 2.81 2.50 1.63	3,63 4,15 4,27 2,57 4,21	3.77 3.40 5.04 3.09 4.86	6,56 4,86 5,75 4,22 7,41	2.35 .64 3.26 2.09 3.43	2.04 3.02 3.00 2.29 1.85	3.17 4.26 3.49 2.64 3.46	37,36 2 46,73 46,37 36,33 41,87
PARSDNS 1 SE PICKENS 1 RICHWOOD QOWLESBURG 1 SMOOT	3.20 4.54 E 3.31 4.23 3.12		3.13 7.60 4.65 4.30 3.78		3.49 6.09 4.90 4.85 4.26		6.71 5.61 3.19 7.40		1.97 2.19 2.32 2.18		6,24 4,37 3,59 4,64	4,39 6,37 5,52 4,37	3.64 4.20 7.00 4.13	4.52 7.26 5.61 4.55	1.23 2.17 1.23 1.03	2.95 3.80 3.23 5.07	4 + 18 8 + 27 3 + 78 6 + 97	45.65 60.47 £ 48.33 53.72
SPRUCE KNOB STONY RIVER DAM SUMMERSVILLE THOMAS VALLEY BEND	3.12 E 3.38= 3.06 4.11= 2.77	.05	4.04 3.13 2.70 3.73 3.30	1.94	2.65 3.57= 3.76 4.51= 4.32	.26	4.26 5.35 2.62 7.15 4.12	2.77	.83 1.41= 3 1.94 2.08= 3		3.04 3.95= .63 4.24 5.61= .10 5.17	3, 05 3, 42- ,7 4, 64 2, 91- 3, 03 4, 36	8.28	7,33	1.57 2.88= .69 1.45 1.59= 2.02 2.27	2.54 3.66 .93 2.38 3.36 .00	3.00	35.85 44.1040 45.40 48.58- 6.85 42.94
VALLEY HEGO WEBSTER SPRINGS 1 E	3.98 3.14		3.21 4.84		4.04		4.30		1.28 1.81		4.00 3.18	4.18 5.29	3,08 2,73	4.69 6.62	1.95	2.73	4.18 3.96	43.62 43.54
DIVISION	3,42-	. 78	4,33	.51	4.21.	.54	4,89	.68	1.53= 3	3.20	3.67= 1.34	4.19- 1.30	3.63- 1.3	1 3.53 2.10	1.88- 1.28	2.8330	4.09 .43	44.04= 6.39
SOUTHERN 09		1																
ALDERSON ATHENS CONCORD COLLEGE BLUEFIELO FAA AIRPORT BLUESTONE DAM GARY //R	3.33 3.07 2.32 3.06 2.33=	1.05	2.96 2.93 3.29 2.52 2.77-	.63	3.49 4.36 3.90 3.09 4.29	.08	2.47 3.73 3.67 2.72 3.59	•21	1.39 4.02 3.15 1.22 2.06- 1	1.03	1.46 2.77 2.02 1.82 2.85= 1.12	3.50 3.70 4.92 1.70 3.88= 1.29	2,15 3,77 5,14 3,02 3,12= ,9	3.64 3.15 2.74 2.92 3.36 .51	1.91 2.19 3.12 2.46 2.63 .34	2.03 1.83 2.71 2.14 2.29= .03	3.52 3.01 2.94 2.54 2.79= .25	31.85 38.55 40.12 29.21 35.96 - 6.01
1AEGER KOPPERSTON LEW13BURG 2 SSW MATOAKA PINEVILLE	3.78 3.78 3.14 2.95 2.95		4.25 4.44 2.85 3.06 3.79		5.01 3.23 3.53 4.22 4.62		3.84 3.14 2.58 3.97 3.06		1.96 2.66 .92 1.63 1.73		3.13 2.67 1.75 1.26 2.20	4,59 3.17 4.67 4.15 3.92	4.34 4.02 2.98 3.19 2.19	5.02 8.09 5.44 3.75 5.72	3.32 3.99 1.11 1.79 3.02	2.98 2.97 1.78 1.59 2.69	3.38 4.12 2.77 4.53 3.48	49.55 48.48 33.32 E 36.09 39.37
PRINCETON RENICK 2 3 UNION MHITE BULPHUR SPRINGS	2.60 3.41 2.30 3.38	.44	2.79 3.81 3.33 3.92	1.09	3.78 3.18 3.20 3.05	.43	2.82 2.94 3.33 3.03	.79	1.77 .84 1.36- 2 1.09- 2	2.07	1.43 2.58 1.26= 2.42 1.82= 1.80	3.18 3.27 9.74 1.59 3.44~ .86				1.92 1.93 1.84= .38 2.56= .03		
DIVISION	2.97.	.25	3.32	.22	3.92	.01	3,23	.10	2.02- 1	1,68	2.13- 1.61	3,905	3.414	4.16 1.45	2.46 .24	2.3108	3,08 ,28	36.93- 2.30
NORTHEASTERN 06																		
BERKELEY SPRINGS SRUSHY RUN FRANKLIN 2 NE HARPERS FERRY HARPERS FERRY NAT MON	3.24 2.32 2.34 3.00 4.13	.37	3.98 2.44 2.46 3.32 4.67	.99	2.15 1.71 1.93 2.78- 3.11	.3*	3.12 2.32 4.44 6.26	1.04	1.05 .95 .96 .65- 3	3.12	2.63 3.00 2.91 1.13- 2.41	2.49 2.94 1.91 4.0216	1.52 3.30 2.69 1.63~ 2.44 3.12	3.44 4.79 4.07 2.43= .84	1.97 1.91 1.61 1.13- 2.41	2.25 1.66 E 1.96 1.45= 1.34 2.31		32.70 30.19 E 27.32 28.60=11.29 37.77
KEARNEYSVILLE 1 NW KEYSER WARTINSBURG FAA AP WATHIAS MOOREFIELD MCNEILL	3.25 3.62 3.10 2.96	.99	3.77 2.89 3.10 1.91	1.55	2.66- 2.05 1.96	.36	5.22 4.61 2.98 4.72	2.03 1.37	.62 - 3 .98 - 2 1.16 .69	1	1.70= 1.76 2.21 1.58= 1.38 1.55 2.37	2.99 .63 2.93 2.94 - 1.04 1.33 2.70		3.30 .32 4.10	1.57	1.58- 1.07 - 1.8667 1.66 E 1.54	2.5416 - 2.4826 1.75 2.75	30.69= 7.63 - 29.96= 7.69 26.94 E 29.29
OMPS PETERSBURG PIEDMONT ROMNEY 3 NNE WORDENSVILLE R M FARM	2.93 2.74 3.18 2.90 3.39	.76 .29	3.40 2.81 2.92 2.76 3.37	1.02	2.12 2.13 2.29 2.29 1.45	1.07	7.57	1.05	.83 .99= 2 .46= 3 .96 1.77= 1	3.47	2.11 2.55= 1.82 3.43= .46 2.68 1.89= 1.67	1.57 2.9150 3.5205 2.93 2.02 - 1.83	6.89 Z.86 Z.10	4.16 1.30	1.13- 1.81	2.11 1.48	2.19 2.02 .31 1.80 .65 1.83 2.30 .17	31.51 27.76~ 3.38 39.20 1.89 30.86 30.15~ 5.34
D1V1510N	3+17	.87	3.17	1.18	2.23-	.76	4,66	1.77	.88- 2	2.78	2,24= 1,42	2.68- 1.02	2.29- 1.75	4.10 1.27	1.73- 1.22	1.0143	2.2204	31.20- 4.40

Oivision averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

		1												=									_			Numh	er of		964
					16° c		20° c		ing mir		28° c	or	32° o		32° o	r	28° o		all minis 24° c		of	r	16° c	r	_		een d	_	_
Station	Highest	Date	Lowest	Date	Date	Temp. ≰	Date pelo	Temp.	belo <u>o</u>	l d.	belo-	d,	belov	Temp.	belov <u>o</u>	Temp.	belo	Temp.	belo <u>o</u>	Temp.	belo	Temp.	belo	remp.	or below	or below	or below	or below	or below
e e e	H	Ä	To	Ä	Ω	Te	_ <u>¤</u>	Te	Dat	Теш	Dai	Tem	Date	Te	Date	Te	Date	Te	Date	Тел	Date	Tel	Da	Ter	16°	20°	24°	28°	32°
ENS RUN 1 SSE AIRO 3 S RESTON 1 SSW JOUNOSVILLE LEW CUMBERLAND	106 95 94 96 95	9=10: 9= 8:		1=16 1=15 1=14	3=19 4= 1 4= 1 4= 1	15		15	4=10 + 4= 5	24	4-10 4-16 4-10 4-16	28	4-16 4-16	28	10= 6 9=14 9=14 10= 6 10= 7	32 30 29	10= 6 10= 6 10=11	28 26 26	10-11 10-11 11-21	21 19 23	11-21 10-11 11-22	18 19 14	11-22 11-22 11-22	6	235	234	230	173	1:
EW MARTINSVILLE ARKERSBURG FAA AP ARKERSBURG WB CITY EIRTON ELLSBURG 3 NE	97 95 95 96	9-10 7-24	- 2 7 6	1=14 1=14 1=15•	4- 1 3-18 3-18 4- 1 4- 1	15 15	4- 1 4- 1	16 20 20 20	4- 4 4- 4	21 22 23 20	4-10 4- 4	27 22 23 27	4=16 4=11 4=11	30 30 32 30	10= 6 10= 6 10= 6	30 31 30 32	10=11 10=11 10=11	27 25 27 22	11=21 10=24 11=21 10=24	20 24 19 22	11-21 11-21 11-21 11-21	20 17 19 20	11=22 11=22 11=22	13 11 15 12	235 249 249 235	234 234 236 231	231 203 231 203	184 190 190 202	111111111111111111111111111111111111111
HEELING WARWOOO OM 12  • • • ORTH CENTRAL 02	97	7=28	- 2	1=14	4- 1	16	4- 1	16	4- 4	22	4= 6	27	4-11	30	10= 7	32	10+13	28	11=21	23	11-22	14	11-22	14	235	235	231	190	11
ELINGTON ENSON UCKHANNON 2 W LARKSBURG 1 AIRMONT	93 98 95 94	7-27	-14 -11		3=31 3=19 3=30 4= 1 3=18	12 16 15		20 20 15	4-10	20 21 23	4-16 4-16 4-16 4-5	27 25 28	4=17 4=12 5=29 4=16 4=16	31 32 28	9-14	28 29 28	10= 6 9=14 10= 6 10= 6 10=11	28 24 28	10- 6 10-11	24	10-11 11-21	17	11-22 11-21	6	237 234	190 234	179	156 173 173	111
ASSAWAY LENVILLE RAFTON 1 NE RANTSVILLE 2 NW ANNINGTON 1 N	93 96 96 95	9= 94 6=244 9=10	- 7	1-15 1-15 1-15 1-15	3=31 3=31 4= 1	15	4- 1 4- 1 4-10	17	4-10 4-10 4-16	24	4-16 4-16 4-16	27	4-16 4-16 5-29	27	10= 6 10= 6 10= 6 9=14	30	10-11	23	10-11	23	11-22	13	11-22 11-22 11-22 11-22	13	236	235	226 184 	178	1
IOOLEBOURNE 2 ESE ORGANIOWN FAA AIRPORT ORGANIOWN L ANO O ESION EST UNION	94 92 93 96 93	9=104 9=104 9=104 9=11 9= 9	2	1-15 12-19- 1-14 1-15 1-15	4- 1 3-19 3-31 3-20 4- 1	16 16	4- 4 4- 4 4- 2 4- 1	19	4- 5 4- 4 4- 4 4-11 4-16	19 19 24	4-16 4-4 4-16 4-11 4-16	19 27 24	4-16 4-16 4-16 4-17 4-16	30 27 30	10= 6 10= 6	29 29 29	10-11	27 26 22	10=24 10=21 10=11	24 22 22	11-21 11-22 11-22	14 12 18	11=21 11=22 11=22	14 12 10	247 236 247	231 232 234	200	186 178 183	1
* * * DUTHWESTERN 03								:												}									
HARLESTON WB AP HARLESTON 1 DRION DRION 5 E AMLIN	96 98 98 95	9=114 6=23	- 9		2 • 2 3 2 • 2 9 3 = 1 9 3 • 3 0 4 = 1	15 14 15	3=30 3=31 4= 1 4= 1	19 18 20	4= 1	21 24 20	4=10 4=10 4=16 4= 9 4=16	28 28 28	4-16	32	10= 7 10=11 10= 6 10= 6 9=14	31	10=11	27	11=22	12	11-22	12	11-22	12	267	236	235	184	1
DGSETT GALLIPOLIS OAM JNTINGTON FEO BLOG JNTINGTON WB AIRPORT DGAN DNOON LOCKS	98 100 100 97	8= 4 8= 3 9=10 6=24	= 5 8 0 5 4	1-15 1-14 1-14 1-15 1-15	3 - 1 2 - 12 3 - 19 2 - 29 2 - 24	13 16 16	4- 2 3-30 3-31 3-30 3-31	18 20 19	4= 5 4= 1 4= 1 4= 2	23 22 23	4=11 4= 1 4= 4 4=10 4= 2	23 26 28	4=16 4=10 4=10 4=16	31 31 29 32	10=11 10=11 10= 6 10=11 10=11	25 30 28 29	10=11 11=21 10= 6 11=22	25 24 28 13	11-21 11-21 10-24 11-22	24 24 24 13	11-22 11-22 11-21 11-22	11 16 19 13	11-22 11-22 11-22 11-22	11 16 8 13	266 284 248 267	234 237 235 237	230 234 206 235	183 234 185 226	1 1 1
ADISON DINT PLEASANT 5 NNE AVENSWOOD OAM 22 PLEY PENCER	98 96 96 97 95	9=10 8= 34 7=25 9= 94 9=104		1-15 1-15 1-15 1-15 2-12	3= 1 3=19 3=19 4= 1 3=19	15 16 16	3-31 4- 1 4- 1 4- 1	17	4- 2 4-10 4- 4 4- 4 4-10	23 23 23	4=10 4=10 4=10 4=10 4=16	23 26 25	4=16 4=16 4=16 4=16	31 30 31 31 28	10= 8 10= 6 10= 6 9=14 9=14	31 27 29 31 30	10=11 10= 6 10=11 10= 6 10= 6	28 27 23 27 26	10=24 10=11 10=11 10=11 10=11	24 21 23 19 21	11-22 11-22 11-22 10-11 10-24	11 9 8 19 20	11=22 11=22 11=22 11=22 11=22	11 9 8 5	248 248	235 235 193	205 184 190 190 184	179	1 1 1
YNE 2 LLIAMSON NFIELO LOCKS  • • • NTRAL 04	100 96	9=10+ 8= 4+	5	1=15 1=15	3- 1 3- 1	16	3+31 4+ 2		3=31 4= 2	20	4-10 4- 5		4-10 4-11	27	10-11 10- 8	31 32	11=22 10=11	14 27	11-22 11-21	14 24	11=22 11=22	14	11-22 11-22	14	266 266	236 234	236 233	226 189	1
BOVALE Z YARD CKLEY V A HOSPITAL CKLEY WB AP RCH RIVER 6 SSW	90 90 88 90	9=11+ 9=10 9= 9+ 6=23	*15 *11 * 8 1 -23	1-15 2-12 1-15 12-19 1-15	4= 2 4= 4 4= 1 3=31 4=10	15 11 12	4- 4 4- 5 4-10 4- 1	19 20 17	4+16 4+16 4+10 4+1 4+25	22 20 17	4-16 4-16 4-16 4-9 4-25	22 25 27	6= 4 5=30 4=16 4=10 4=27	30 25 29	9=14 8=15 9=14 10= 6	32	9=14 10= 6	25 26	10-11	22	10- 7 10-11	19		7	232 235	185 184	173	151	1
ANOONVILLE CKEYE NAAN VALLEY KINS WB AIRPORT AT TOP	90 93 86 90 85	9-11. 9- 9. 9-10. 9-10. 6-24	- 7 -16 -19	2=12 1=15 2+12 1+15 2=24+	3=31 4= 2 4= 4 3=30 4= 2	16 15 12 15	4- 4 4-10 4- 5 4- 4	17 17 20 19	4=16 4=16 4=16 4=10 4= 5	22 21 22 24	4=16 4=16 5=29 4=16 4=16	22 21 25 25	5-30 4-25 6-17 5-29 4-17	31 30 30 30	9-14 9-15 7- 7	32	_	28	10= 6 10=11 9=14	18	10=11 10=11 9=14	18	11=22 10=24 11= 7	16	236 205 217	190 184 162	173 178 151 180 185	173 78 173	1
PEMONT ROSS K HILL RSONS 1 SE CKENS 1	87 89 94 93 87	7=28 9=10+ 9=12+ 9= 9 9=10	-10 -10 - 2 - 8 -10	2=25 1=15 1=15 1=15 1=15	40 1 3=31 40 1 3030 40 1	16	4= 2 4= 1 4= 2 4= 4 4= 4	20	4=26 4=10 4=10 4=10 4=10	21 24 24	4=26 4=16 4=11 4=16 4=16	25 28 27	5=21 5= 1 4=16 4=16 5=29	31 30 27	9=15 10= 6 10= 6	29	9=14 10= 6 10= 7 10= 7 10= 6	22	10-11	22 22 23	10-11 10-11 16-24	17 20 20	11-22	16	207 235 237	193 192 203	141 180 180 184 180	173 179 174	1 1
CHW000 MLESBURG 1 RUCE KNOB SSTER SPRINGS 1 E	90 96 88 94	9= 9 9= 9 9=11 9=10+	-11 - 5 - 4 1	1=15 1=15 1=14 2=12+	3=31 3=19 4= 1 3=30	15	4= 1 3=31 4= 4 3=31	18	4=10 4=10 4= 9 4=10	24	4=16 4=16 4=11 4=16	26	4-16	26	9=13 10= 6 10= 6 10= 7	31	10= 6 10= 7 10= 6 10= 7	28	10-12	24	11-22	11	11-22	11	248 235	236 232	180 185 185 184	174	1
UTHERN 05																													
HENS CONCOPO COLLEGE UEFIELO FAA AIRPORT UESTONE OAM RY PPERSTON	87 86 94 93 91	6=28 • 6=23 7=29 6=28 • 9 • 9 •	0 5 1 2 • 1	1=15 12=19* 1=15 1=15 1=15	4= 2 3=31 3=31 3=31 3=31	16 13 13	4- 2 4- 1 4- 1 3-31 3-31	19 18 13 13	4- 2 4- 1 4- 1 4- 1	19 18 22 22	4=10 4= 9 4=11 4=10 4=10	26 28 25 25	4-10 4-16 4-16 4-16	32 31 30 31	10-6 10-6 10-11 10-6 10-6	32 28 32 32	10=11 10=11 10=11 10=11	28 28 23 24	11=21 11=22 10=11 10=11	14 12 23 24	11-21 11-22 11-22 11-22	12 10 10	11-21 11-22 11-22 11-22	14 12 10 10	235 236 236 236	234 235 236 236	193	185 183 184 184	1 1 1 1
WISBURG Z SSW	91	6-30+	0	1=16	3=30	16	4= 1	19	4- 4	22	4=10	25	4=16	29	10= 6	26	10= 6	26	10-11	21	10=24	20	11-22	9	237	206	190	179	1

# TEMPERATURE EXTREMES AND FREEZE DATA

WEST VIRGINIA Table 3-Continued

				Last spring minimum oi							First fall minimum of								Number of days between dates												
Station		Date					16" or below		20" o		24 o belov	- 1	28° or bolow		32 or below		32" or below		28 ° o		24 o		20 o bolov		16 o bolov		elow	elow	elow	elow	elow
	Highest		Lowest	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Тепр	Date	Temp	Date	Temp.	le or b	20 or b	24 or b	38 or b	32 or b		
PINEVILLE UNION WHITE SULPHUR SPRINGS	96 93 95	6=24 6=28+ 6=28+		1-15 1-15 1-15	4- 1 3-31 3-31	12	4- 1 4- 1 4- 1	18	4- 1 4- 9 4-10	21	4-11 4-16 4-16	27	4-17 4-16 4-16	27		30	10- 6	25	1D- 7	23	10-11	18	11-22	7	236	193	181	173			
NORTHEASTERN 06																															
BERKELEY SPRINGS FRANKLIN 2 NE HARPERS FERRY NAT MON KEARNEY SVILLE 1 NW KEYSER	97 93 99 97	9=11. 9= 9 6=27 7= 1	- 1 - 9 1 - 1	2-12 2-12 1-16- 2-23	3- 1 3-18 2-29 2-28	16	4- 9 4- 2 3-31 3-31	20	4-10 3-31	24 2D	4-16 4-16 4-5 4-5	26	4=25 4=11	32	9=14 1D= 6 1D= 8 1D= 6	27	10- 6 10-24	27 28	1D-11 11-22	2D 20	10-11	20	11-22	1D 15	249	192	184 236	173	164		
MARTINSBURG FAA AP MATN145 MOOREFIELO MCNEILL OMP5 PETERSBURG	98 95 99 96	9=11 9=11 9=10 8=23+ 9=10	- 1 - 8 -15 -6 - 9	2=23+ 2=23+ 1=15 1=14 1=15	3- 1 3-31 4- 2 2-29 3- 1	15 16 16	4- 2 4- 5 4- 5 4- 5 4- 2	19		24 23 2D	4-16 4-16 4- 5	25 23 2D	4-25 5-30 4-25	30 32 31	1D= 6 9=14 9=14 9=14 1D= 6	3D 32 32	10- 6 10- 7	26	10- 7	23	11-22	8	11-22	12	236	231	180	173	142 107 142		
Pleomont ROMNEY 3 NNE WARDENSVILLE R M FARM	97 98 95	9=11 9=1D 9=12•	- 6 -10	1-14 2-12+ 1-15	3-19 3- 1 3- 1	13	4- 5	18	4-11	24	4-16	25	4-1D 4-25	32 31	10= 6 9=14 10= 6	32	1D- 7 1D- 7	26 27	1D=21 10=11	24	11-22	14	11-22	14	248 266	232	199	185	179		

## TOTAL EVAPORATION AND WIND MOVEMENT

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annua	
NORTH CENTRAL 02														
CLARK5BURG 1	EVAP DEP WIND	=	-	-	B 3.29 19 2363	8 4.90 .28 1912	5,30 09 1519	B 4.74 76 1283	B 3.53 93 1449	B 2.93 10 1301	-		-	=
SUTTON RESERVOIR	EVAP DEP WIND	- -	=	=	=	6.13	5.89 1109	5.87 1068	8 5.66 1100	B 4.90 1120	2.71 1350	1215	Ξ	=
SOUTHWESTERN D3														
HOG5ETT GALLIPOLI5 DAM	EVAP DEP W1ND	=	=	=	=	B 6.61 B 1489	8 6.97 1369	7.25 1251	8 6.64 1406	B 5.56 1196	3.17 1271	=	Ξ	=
SOUTHERN DS					,									
BLUESTONE DAM	EVAP DEP WIND MAX MIN	=======================================	= = = = = = = = = = = = = = = = = = = =	=======================================	B 3.55 B 1461 66.7 43.8	5.64 - 1165 80.6 52.4	5.77 -925 87.9 60.4	5.54 - 899 88.1 64.D	4.94 - 929 84.1 61.6	8 4.34 - 893 79.2 55.5	8 2.29 1025 60.5 42.6	8 1.55 - 1173 53.6 38.6	-	-
NORTHEASTERN D6														
WARDENSVILLE R M FARM	EVAP DEP WIND MAX MIN	=	=======================================	-	B 3.B2 70 1744 -	B 6.06 .66 -	B 6.32 .12 -	6.63 .18 982 90.1 61.6	6.31 .75 1159 85.2 58.5	8 5.68 1.35 1000 78.7 53.1	8 2.73 41 857 64.0 43.D	-	-	-

6	o Z County	de de	Years of record or cle	osed ng yr. Refer	0	Io.	de et	u u	Years of record	Opened or closed during yr.	Refer
	Index No County	Drainage‡ Latitude Longitude Elevation	Temp. Precip. Evap. Month	Huon tables tables	Station	Division County	Drainage Latitude Longitud	Elevation	Temp. Precip. Evap.	Month opened Month closed	to tables
ALDERSON 01 ALPENA 1 NW ARBOVALE 2 02 ATHENS CONCORD COLLEGE 02 BAYARD 05 BECKLEY V A HOSPITAL 05 BECKLEY WB AP 05 BELINGTON 06	0094 04 PRESTON 10102 05 MONDE 10143 04 RANOOLPH 10249 04 POCAMONTAS 10527 04 GRANT 10580 04 RALEIGH 10580 04 RALEIGH 10645 01 WOOO	2 39 29 79 38 1219 7 37 44 80 38 1555 2 38 55 79 40 3020 7 38 26 79 49 2736 7 37 25 81 01 2600 9 39 16 79 22 2375 7 37 47 81 11 230 7 37 47 81 07 2504 10 39 02 79 56 1679 8 39 09 81 45 600	18 30 4 41 19 23 71 58 87 87 2 2 3 26	2 2 2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 2	MANNINGTON 1 W MARRINTON MARTINSBURG FAA AP MARTINSBURG E W MATHIAS MATHIAS MC MECHEN DAM 13 MC ROSS MIDDLEBOURNE 2 ESE MODREFIELD 2 SSE	5626 02 MARION 5672 04 POCAHONTAS 5707 06 BERKELEY 5712 06 BERKELEY 5739 06 HARDY 5747 05 MERCER 5847 01 MARSHALL 5871 04 GREENBRIER 5963 02 TYLER 6163 06 HARDY	6 39 32 80 2; 7 38 13 80 0; 9 39 24 77 5; 9 39 28 78 0; 9 38 52 78 5; 7 37 25 81 1; 8 39 59 80 4; 4 37 59 80 4; 8 39 29 80 5; 9 39 02 78 5;	537 535 1625 2580 655 2445 750	18 66 72 13 25 14 48 10 10 23 23		2 C 1 2 3 C 1 2 3 C 2 C 1 2 3 C 1 2 3 C C 1 2 3 C C C 1 2 3 C C C C C C C C C C C C C C C C C C
RENSON 06 8ENS RUN 1 SSE 06 8ERKELEY SPRINGS 07 8IRCM RIVER 6 SSN 08 BLUEFIELD FAA AIRPORT 09 BLUESTONE DAM 09 BRANCHLAND 10 BRANCONVILLE 10	0661 04 NICHOLAS 0679 02 HARRISON 0687 01 TYLER 0710 06 MORGAN 0844 04 NICHOLAS 0921 05 MERCER 0939 05 SUMMERS 075 03 LINCOLN 083 04 PRESTON 080 06 PENOLETON	4 38 14 81 12 748 10 39 09 80 33 1086 8 39 28 81 06 644 9 39 37 76 14 644 4 38 25 80 47 1885 7 37 18 81 13 2805 7 37 38 81 32 82 83 3 88 13 82 12 600 2 39 40 79 37 1788 9 38 50 79 15 1375	39 39 63 63 20 20 16 16 26 26 21 21 13 25 22 32	2 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 34C 2 1 2 3	MODREFIELD MCNEILL MORGANTONN FAA AIRPORT MORGANTONN L AND 0 MOUNDSYNLE MT STORM NAOMA NEW CUMBERLAND NEW MARTINSVILLE OAK HILL OMPS	6168 06 HAROY 6202 02 MONONGALIA 6212 02 MONONGALIA 6249 01 MARSHALL 6293 04 GRANT 6362 04 RALEIGH 6442 01 HANCOCK 6467 01 WETZEL 6591 04 FAYETTE 6574 06 MORGAN	9 39 09 78 5 6 39 38 79 5 6 39 37 79 5 8 39 54 80 4 9 39 17 79 1 4 37 52 81 2 8 40 30 80 3 8 39 39 80 5 7 37 58 81 0 9 39 30 78 1	825 620 2845 1210 750 637 1991	16 16 18 18 41 41 2 14 69 66 71 70 22 22 18		1 2 3 1 2 3 1 2 3 1 2 3 2 C 1 2 3 3 2 3 1 2 3 C 1 2 3 C
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HUNDRED 63 **HUNTINGTON FEO 8LDG 63 **HUNTINGTON W8 AIRPORT 63 **IAEGER 1RELANO 64 **JANE LEW 65 **KERMEYSVILLE 1 NW 67 **KERMIT 68	3309 02 MARION 3369 01 WETZEL 3388 03 CABELL 3393 03 CABELL 4478 05 MC DOWELL 4478 02 LEWIS 559 02 LEWIS 5763 06 JEFFERSON 836 06 MINGO MINERAL	6 39 30 80 08 878 8 39 41 80 27 1034 8 38 25 82 27 555 8 38 22 82 33 827 1 37 28 81 49 1084 6 38 49 80 28 1142 6 39 06 80 25 1020 9 39 23 77 55 1020 9 39 23 77 50 62 24 625 9 39 26 78 59 930	16 16 4 4 18 6 40 33 34	2 C 1 2 3 C 1 2 3 C 2 2 2 2 2 2 2 2 1 2 3 2 2 1 2 3	MEST UNION MEELING WARWOOD DM 12 HHITE SULPHUR SPRINGS WIDEN WILLIAMSON WILLIAMSON 2 WINFIELD LOCKS	9450 9492 01 OMIO 9522 9554 03 CLAY 9605 03 MINGO 9610 03 MINGO 9683 03 PUTNAM	5 39 18 80 4 8 40 06 80 4 7 37 48 80 1 4 38 28 80 5 1 37 40 82 1 1 37 40 82 1 4 38 32 81 5	659 1914 1143 673 659	2 2 56 80 61 60 4 61 62 14 26 26		1 2 3 1 2 3 1 2 3 2 2 1 2 3 2 1 2 3
LAKE LYNN 50 LEWISBURG 2 SSW 52 LINOSIDE 52 LINERPOOL 53 LOCKNEY 53 LOGAN 53 LONDON LOCKS 53 MADISON 55	956 05 WYOMING 1002 02 MONONGALIA 224 05 GRENBRIER 2284 05 MONROE 323 03 JACKSON 341 02 GLUBER 3353 03 LOGAN 3365 03 KANANHA 1563 03 KANANHA 1563 03 MARION	3 37 45 81 34 1450 2 39 43 79 51 900 7 37 46 80 28 2185 7 37 27 80 40 200 8 38 54 81 32 65 5 38 51 80 58 720 3 37 51 82 00 664 4 38 12 81 22 623 4 38 03 81 49 673 6 39 33 80 21 975	40 62 68 37 51 29 29 42 42	1 2 3 C C C C C C C C C C C C C C C C C C							

MANNINGTON 1 N 5621 02 MARION 6 39 33 80 21, 975 62 82 1 2 3

\$ 1-BIG SANDY: 2-CHEAT; 3-GUYANDOT: 4-KANAWHA; 5-LITTLE KANAWHA; 6-MONONGALELA; 7-NEW; 8-OHIO; 9-POTOMAC; 10-TYGART; 11-YOUGHIOGHENY

CHANGES IN STATION NAME

NAME

FORMER NAME

CENTRALIA

RELOCATION AND CHANGES OF EQUIPMENT

CENTRALIA 2 NNW

CENTRALIA STANDARO RAIN GAGE MOVEO 2,2 MILES SE
MADDENSVILLE R H FARM SUBHERGEO SIX'S WATER THERMOMETERS INSTALLEO
WILLIAMSON 2
EQUIPMENT MOVED 1.0 MILES WIN

NOVEMBER 16 JUNE 13 OCTOBER 22

DATE - 1964

NOVEMBER 16

#### REFERENCE NOTES

Additional information regarding the climate of West Virginia may be obtained by writing to the Westher Bureau State Climatologist, Agricultural Engineering Building, West Virginia University, Morgantown, West Virginia 26505, or to any Westher Bureau Office near you.

DIMENSIONAL UNITS. Unless otherwise indicated, dimensional units used in this bulletin are Temperature in \*F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise allown by footnote following the Evaporation and Wind table. Max and Min in Evaporation and Wind table refer to extremes of temperature of water in pan sis recorded during 24 hours ending at time of observation.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on perioda varying from 10 to 29 years which are used in place of normals.

DIVISIONS, as used in this publication, became effective with data for January 1957.

STATION NAMES: Figures and letters following the station name, such as 12SSW, indicate distance in miles and direction from the post office.

DELAYED DATA AND CORRECTIONS will be carried in the June and December 1881es of Climatological Data.

#### IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record.
- + Also on earlier date (dates) or months,
- . Amount included in following measurement.
- Gage is equipped with a windshield.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing, if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record,
- R Amounts from recording gage. (The amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data,)
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

### IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- C Data for recording rain gage stations processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the annual issue of Hourly Precipitation Data.
- G Soil temperatures published.

Years of record as shown in the Station Index are approximate since gaps in records may not have been considered in arriving at the totals shown.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this State. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, for 35 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402.

USCOMM-WB-Asheville, N. C. -S/6/6S-8S0

